NASA SP-7039 (42)
January 1993

NASA PATENT ABSTRACTS BIBLIOGRAPHY

A CONTINUING BIBLIOGRAPHY
SECTION 2 INDEXES

NASA STI PROGRAM
SCIENTIFIC & TECHNICAL INFORMATION

ACCESSION NUMBER RANGES

Bibliography Number	*STAR Accession Numbers*
NASA SP-7039(04) SEC 1	N69-20701 - N73-33931
NASA SP-7039(12) SEC 1	N74-10001 - N77-34042
NASA SP-7039(13) SEC 1	N78-10001 - N78-22018
NASA SP-7039(14) SEC 1	N78-22019 - N78-34034
NASA SP-7039(15) SEC 1	N79-10001 - N79-21993
NASA SP-7039(16) SEC 1	N79-21994 - N79-34158
NASA SP-7039(17) SEC 1	N80-10001 - N80-22254
NASA SP-7039(18) SEC 1	N80-22255 - N80-34339
NASA SP-7039(19) SEC 1	N81-10001 - N81-21997
NASA SP-7039(20) SEC 1	N81-21998 - N81-34139
NASA SP-7039(21) SEC 1	N82-10001 - N82-22140
NASA SP-7039(22) SEC 1	N82-22141 - N82-34341
NASA SP-7039(23) SEC 1	N83-10001 - N83-23266
NASA SP-7039(24) SEC 1	N83-23267 - N83-37053
NASA SP-7039(25) SEC 1	N84-10001 - N84-22526
NASA SP-7039(26) SEC 1	N84-22527 - N84-35284
NASA SP-7039(27) SEC 1	N85-10001 - N85-22341
NASA SP-7039(28) SEC 1	N85-22342 - N85-36162
NASA SP-7039(29) SEC 1	N86-10001 - N86-22536
NASA SP-7039(30) SEC 1	N86-22537 - N86-33262
NASA SP-7039(31) SEC 1	N87-10001 - N87-20170
NASA SP-7039(32) SEC 1	N87-20171 - N87-30248
NASA SP-7039(33) SEC 1	N88-10001 - N88-20253
NASA SP-7039(34) SEC 1	N88-20254 - N88-30583
NASA SP-7039(35) SEC 1	N89-10001 - N89-20085
NASA SP-7039(36) SEC 1	N89-20086 - N89-30155
NASA SP-7039(37) SEC 1	N90-10001 - N90-20043
NASA SP-7039(38) SEC 1	N90-20044 - N90-30170
NASA SP-7039(39) SEC 1	N91-10001 - N91-21058
NASA SP-7039(40) SEC 1	N91-21059 - N91-33053
NASA SP-7039(41) SEC 1	N92-10001 - N92-22095
NASA SP-7039(41) SEC 1	N92-10001 - N92-22095
NASA SP-7039(42) SEC 1	N92-22096 - N92-34247

This bibliography was prepared by the NASA Center for AeroSpace Information operated for the National Aeronautics and Space Administration.

NASA SP-7039 (42)
January 1993

NASA PATENT ABSTRACTS BIBLIOGRAPHY

A CONTINUING BIBLIOGRAPHY
SECTION 2 INDEXES

National Aeronautics and Space Administration
Scientific and Technical Information Program
Washington, DC 1993

This supplement is available from the NASA Center for AeroSpace Information, Baltimore, MD 21240-0757, price code A25.

INTRODUCTION

Several thousand inventions result each year from the aeronautical and space research supported by the National Aeronautics and Space Administration. The inventions having important use in government programs or significant commercial potential are usually patented by NASA. These inventions cover practically all fields of technology and include many that have useful and valuable commercial application.

NASA inventions best serve the interests of the United States when their benefits are available to the public. In many instances, the granting of nonexclusive or exclusive licenses for the practice of these inventions may assist in the accomplishment of this objective. This bibliography is published as a service to companies, firms, and individuals seeking new, licensable products for the commercial market.

The *NASA Patent Abstracts Bibliography (NASA PAB)* is a semiannual NASA publication containing comprehensive abstracts and indexes of NASA-owned inventions covered by U.S. patents and applications for patent. The citations included in *NASA PAB* were originally published in NASA's *Scientific and Technical Aerospace Reports (STAR)* and cover *STAR* announcements made since May 1969.

For the convenience of the user, each issue of *NASA PAB* has a separately bound Abstract Section (Section 1) and Index Section (Section 2). Although each Abstract Section covers only the indicated six-month period, the Index Section is cumulative covering all NASA-owned inventions announced in *STAR* since 1969. Thus a complete set of *NASA PAB* would consist of the Abstract Sections of Issue 04 (January 1974) and Issue 12 (January 1978) and the Abstract Section for all subsequent issues and the Index Section for the most recent issue.

The 174 citations published in this issue of the Abstract Section cover the period July 1992 through December 1992. The Index Section references over 5300 citations covering the period May 1969 through December 1992.

ABSTRACT SECTION (SECTION 1)

This *PAB* issue includes 10 major subject divisions separated into 76 specific categories and one general category/division. (See Table of Contents for the scope note of each category, under which are grouped appropriate NASA inventions.) This scheme was devised in 1975 and revised in 1987 in lieu of the 34 category divisions which were utilized in *PAB* supplements (01) through (06) covering *STAR* abstracts from May 1969 through January 1974. Each entry in the Abstract Section consists of a *STAR* citation accompanied by an abstract and, when appropriate, a key illustration taken from the patent or application for patent. Entries are arranged by subject category in order of the ascending NASA Accession Number originally assigned for *STAR* to the invention. The range of NASA Accession Numbers within each issue is printed on the inside front cover.

Abstract Citation Data Elements: Each of the abstract citations has several data elements useful for identification and indexing purposes, as follows:

NASA Accession Number
NASA Case Number
Inventor's Name
Title of Invention
U.S. Patent Application Serial Number
U.S. Patent Number (for issued patents only)
U.S. Patent Office Classification Number(s)
(for issued patents only)

These data elements are identified in the Typical Citation and Abstract and in the indexes.

INDEX SECTION (SECTION 2)

The Index Section is divided into five indexes. These indexes are cross-indexed and are used to locate a single invention or groups of inventions.

Subject Index: Lists all inventions according to appropriate alphabetized technical term and indicates the related NASA Case Number, the Subject Category Number, and the Accession Number.

Inventor Index: Lists all inventions according to alphabetized names of inventors and indicates the related NASA Case Number, the Subject Category Number, and the Accession Number.

Source Index: Lists all inventions according to alphabetized source of invention (i.e., name of contractor or government installation where invention was made) and indicates the related NASA Case Number, the Subject Category Number, and the Accession Number.

Number Index: Lists inventions in order of ascending (1) NASA Case Number, (2) U.S. Patent Application Serial Number, (3) U.S. Patent Classification Number, and (4) U.S. Patent Number and indicates the related Subject Category Number and the Accession Number.

Accession Number Index: Lists all inventions in order of ascending Accession Number and indicates the related Subject Category Number, the NASA Case Number, the U.S. Patent Application Serial Number, the U.S. Patent Classification Number, and the U.S. Patent Number.

HOW TO USE THIS PUBLICATION TO IDENTIFY NASA INVENTIONS

To identify one or more NASA inventions within a specific technical field or subject, several techniques are possible with the flexibility incorporated into the *NASA PAB*.

(1) *Using Subject Category:* To identify all NASA inventions in any one of the subject categories in this issue of *NASA PAB*, select the desired Subject Category in the Abstract Section (Section 1) and find the inventions abstracted thereunder.

(2) *Using Subject Index:* To identify all NASA inventions listed under a desired technical subject index term, (A) turn to the cumulative Subject Index in the Index Section and find the invention(s) listed under the desired technical subject term. (B) Note the indicated Accession Number and the Subject Category Number. (C) Using the indicated Accession Number, turn to the inside front cover of the Index Section to determine which issue of the Abstract Section includes the Accession Number desired. (D) To find the abstract of the particular invention in the issue of the Abstract Section selected, (1) use the Subject Category Number to locate the Subject Category and (2) use the Accession Number to locate the desired invention within the Subject Category listing.

(3) *Using Patent Classification Index:* To identify all inventions covered by issued NASA patents (not including applications for patent) within a desired Patent Classification, (A) turn to the Patent Classification Number in the Number Index of Section 2 and find the associated invention(s), and (B) follow the instructions outlined in (2)(B), and (D) above.

TYPICAL CITATION AND ABSTRACT

NASA SPONSORED

ACCESSION NUMBER → N92-29130* National Aeronautics and Space Administration. ← CORPORATE SOURCE
Pasadena Office, CA.

TITLE → **PRECISION MEASUREMENT OF MAGNETIC CHARACTERISTICS OF AN ARTICLE WITH NULLIFICATION OF EXTERNAL MAGNETIC FIELDS Patent**

INVENTORS → SHAWN B. HONESS, inventor (to NASA) (Jet Propulsion Lab., California Inst. of Tech., Pasadena.), PABLO NARVAEZ, inventor (to NASA) (Jet Propulsion Lab., California Inst. of Tech., Pasadena.), and JAMES M. MCAULEY, inventor (to NASA) (Jet Propulsion Lab., California Inst. of Tech., Pasadena.) 30 Jun. 1992 14 p Filed 27 Nov. 1990

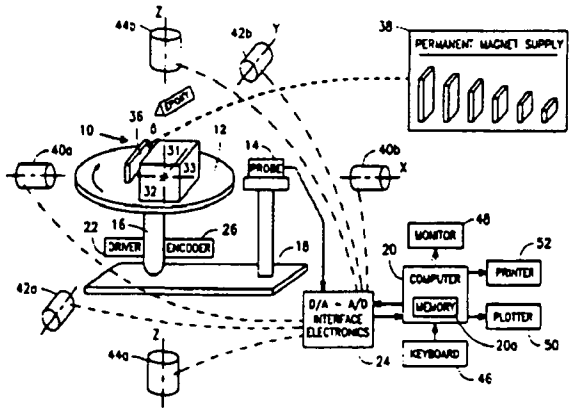
NASA CASE NUMBER → (NASA-CASE-NPO-18187-1-CU; US-PATENT-5,126,669; US-PATENT-APPL-SN-618789; US-PATENT-CLASS-324-261; US-PATENT-CLASS-324-244; US-PATENT-CLASS-324-205; US-PATENT-CLASS-361-148; US-PATENT-CLASS-361-149; US-PATENT-CLASS-361-267; INT-PATENT-CLASS-G01N-27/72) Avail:

US PATENT APPLICATIONS SERIAL NUMBERS →

AVAILABILITY SOURCE → US Patent and Trademark Office

An apparatus for characterizing the magnetic field of a device under test is discussed. The apparatus is comprised of five separate devices: (1) a device for nullifying the ambient magnetic fields in a test environment area with a constant applied magnetic field; (2) a device for rotating the device under test in the test environment area; (3) a device for sensing the magnetic field (to obtain a profile of the magnetic field) at a sensor location which is along the circumference of rotation; (4) a memory for storing the profiles; and (5) a processor coupled to the memory for characterizing the magnetic field of the device from the magnetic field profiles thus obtained. Official Gazette of the U.S. Patent and Trademark Office

← ABSTRACT



← KEY ILLUSTRATION

Subject Categories

(1969 - 1973)

01 Aerodynamics
Includes aerodynamics of bodies, combinations, internal flow in ducts and turbomachinery; wings, rotors, and control surfaces. For applications see: 02 Aircraft; and 32 Space Vehicles. For related information see also: 12 Fluid Mechanics; and 33 Thermodynamics and Combustion.

02 Aircraft
Includes fixed-wing airplanes, helicopters, gliders, balloons, ornithopters, etc.; and specific types of complete aircraft; e.g., ground effect machines, STOL, and VTOL; flight tests; operating problems; e.g., sonic boom; safety and safety devices; economics; and stability and control. For basic research see: 01 Aerodynamics. For related information see also: 31 Space Vehicles; and 32 Structural Mechanics.

03 Auxiliary Systems
Includes fuel cells, energy conversion cells, and solar cells; auxiliary gas turbines; hydraulic, pneumatic and electrical systems; actuators; and inverters. For related information see also: 09 Electronic Equipment; 22 Nuclear Engineering; and 28 Propulsion Systems.

04 Biosciences
Includes aerospace medicine, exobiology, radiation effects on biological systems; physiological and psychological factors. For related information see also: 05 Biotechnology.

05 Biotechnology
Includes life support systems, human engineering; protective clothing and equipment; crew training and evaluation, and piloting. For related information see also: 04 Biosciences.

06 Chemistry
Includes chemical analysis and identification; e.g., spectroscopy. For applications see: 17 Materials, Metallic; 18 Materials, Nonmetallic; and 27 Propellants.

07 Communications
Includes communications equipment and techniques; noise; radio and communications blackout; modulation telemetry; tracking radar and optical observation; and wave propagation. For basic research see: 23 Physics, General; and 21 Navigation.

08 Computers
Includes computer operation and programming; and data processing. For applications, see specific categories. For related information see also: 19 Mathematics.

09 Electronic Equipment
Includes electronic test equipment and maintainability; component parts; e.g., electron tubes, tunnel diodes, transistors, integrated circuity; microminiaturization. For basic research see: 10 Electronics. For related information see also: 07 Communications; and 21 Navigation.

10 Electronics
Includes circuit theory; and feedback and control theory. For applications see: 09 Electronic Equipment. For related information see specific Physics categories.

11 Facilities, Research and Support
Includes airports; lunar and planetary bases including associated vehicles; ground support systems; related logistics; simulators; test facilities; e.g., rocket engine test stands, shock tubes, and wind tunnels; test ranges; and tracking stations.

12 Fluid Mechanics
Includes boundary-layer flow; compressible flow; gas dynamics; hydrodynamics; and turbulence. For related information see also: 01 Aerodynamics; and 33 Thermodynamics and Combustion.

13 Geophysics
Includes aeronomy; upper and lower atmosphere studies; oceanography; cartography; and geodesy. For related information see also: 20 Meteorology; 29 Space Radiation; and 30 Space Sciences.

14 Instrumentation and Photography
Includes design, installation, and testing of instrumentation systems; gyroscopes; measuring instruments and gauges; recorders, transducers; aerial photography; and telescopes and cameras.

15 Machine Elements and Processes
Includes bearings, seals, pumps, and other mechanical equipment; lubrication, friction, and wear; manufacturing processes and quality control; reliability; drafting; and materials fabrication, handling, and inspection.

16 Masers
Includes applications of masers and lasers. For basic research see: 26 Physics, Solid-State.

17 Materials, Metallic
Includes cermets; corrosion; physical and mechanical properties of materials; metallurgy; and applications as structural materials. For basic research see: 06 Chemistry. For related information see also: 18 Materials, Nonmetallic; and 32 Structural Mechanics.

18 Materials, Nonmetallic
Includes corrosion; physical and mechanical properties of materials; e.g., plastics; and elastomers, hydraulic fluids, etc. For basic research see: 06 Chemistry. For related information see also: 17 Materials, Metallic; 27 Propellants; and 32 Structural Mechanics.

19 Mathematics
Includes calculation methods and theory; and numerical analysis. For applications see specific categories. For related information see also: 08 Computers.

20 Meteorology
Includes climatology; weather forecasting; and visibility studies. For related information see also: 13 Geophysics; and 30 Space Sciences.

21 Navigation
Includes guidance; autopilots; star and planet tracking; inertial platforms; and air traffic control. For related information see also: 07 Communications.

22 Nuclear Engineering
Includes nuclear reactors and nuclear heat sources used for propulsion and auxiliary power. For basic research see: 24 Physics, Atomic, Molecular, and Nuclear. For related information see also: 03 Auxiliary Systems; and 28 Propulsion Systems.

23 Physics, General
Includes acoustics, cryogenics, mechanics, and optics. For astrophysics see: 30 Space Sciences. For geophysics and related information see also: 13 Geophysics; 20 Meteorology; and 29 Space Radiation.

24 Physics, Atomic, Molecular, and Nuclear
Includes atomic, molecular and nuclear physics. For applications see: 22 Nuclear Engineering. For related information see also: 29 Space Radiation.

25 Physics, Plasma
Includes magnetohydrodynamics. For applications see: 28 Propulsion Systems.

26 Physics, Solid-State
Includes semiconductor theory; and superconductivity. For applications see: 16 Masers. For related information see also: 10 Electronics.

27 Propellants
Includes fuels; igniters; and oxidizers. For basic research see: 06 Chemistry; and 33 Thermodynamics and Combustion. For related information see also: 28 Propulsion Systems.

28 Propulsion Systems
Includes air breathing, electric, liquid, solid, and magnetohydrodynamic propulsion. For nuclear propulsion see: 22 Nuclear Engineering. For basic research see: 23 Physics, General; and 33 Thermodynamics and Combustion. For applications see: 31 Space Vehicles. For related information see also: 27 Propellants.

29 Space Radiation
Includes cosmic radiation; solar flares; solar radiation; and Van Allen radiation belts. For related information see also: 13 Geophysics; and 24 Physics, Atomic, Molecular, and Nuclear.

30 Space Sciences
Includes astronomy and astrophysics; cosmology; lunar and planetary flight and exploration; and theoretical analysis of orbits and trajectories. For related information see also: 11 Facilities, Research and Support; and 31 Space Vehicles.

31 Space Vehicles
Includes launch vehicles; manned space capsules; clustered and multistage rockets; satellites; sounding rockets and probes; and operating problems. For basic research see: 30 Space Sciences. For related information see also: 28 Propulsion Systems; and 32 Structural Mechanics.

32 Structural Mechanics
Includes structural element design and weight analysis; fatigue; thermal stress; impact phenomena; vibration; flutter; inflatable structures; and structural tests. For related information see also: 17 Materials, Metallic; and 18 Materials, Nonmetallic.

33 Thermodynamics and Combustion
Includes ablation, cooling, heating, heat transfer, thermal balance, and other thermal effects; and combustion theory. For related information see also: 12 Fluid Mechanics; and 27 Propellants.

34 General
Includes information of a broad nature related to industrial applications and technology, and to basic research; defense aspects; information retrieval; management; law and related legal matters; and legislative hearings and documents.

TABLE OF CONTENTS

Revised Subject Categories
(Includes 1974 and 1987 revisions)

N.A.—no abstracts were assigned to this category for this issue.

18 SPACECRAFT DESIGN, TESTING AND PERFORMANCE
Includes satellites; space platforms; space stations; spacecraft systems and components such as thermal and environmental controls; and attitude controls. For life support systems see *54 Man/System Technology and Life Support.* For related information see also *05 Aircraft Design, Testing and Performance, 39 Structural Mechanics,* and *16 Space Transportation.*

19 SPACECRAFT INSTRUMENTATION
For related information see also *06 Aircraft Instrumentation* and *35 Instrumentation and Photography.*

20 SPACECRAFT PROPULSION AND POWER
Includes main propulsion systems and components, e.g., rocket engines; and spacecraft auxiliary power sources. For related information see also *07 Aircraft Propulsion and Power, 28 Propellants and Fuels, 44 Energy Production and Conversion,* and *15 Launch Vehicles and Space Vehicles.*

CHEMISTRY AND MATERIALS

23 CHEMISTRY AND MATERIALS (GENERAL)

24 COMPOSITE MATERIALS
Includes physical, chemical, and mechanical properties of laminates and other composite materials. For ceramic materials see *27 Nonmetallic Materials.*

25 INORGANIC AND PHYSICAL CHEMISTRY
Includes chemical analysis, e.g., chromatography; combustion theory; electrochemistry; and photochemistry. For related information see also *77 Thermodynamics and Statistical Physics.*

26 METALLIC MATERIALS
Includes physical, chemical, and mechanical properties of metals, e.g., corrosion; and metallurgy.

27 NONMETALLIC MATERIALS
Includes physical, chemical, and mechanical properties of plastics, elastomers, lubricants, polymers, textiles, adhesives, and ceramic materials. For composite materials see *24 Composite Materials.*

28 PROPELLANTS AND FUELS
Includes rocket propellants, igniters and oxidizers; their storage and handling procedures; and aircraft fuels. For related information see also *07 Aircraft Propulsion and Power, 20 Spacecraft Propulsion and Power,* and *44 Energy Production and Conversion.*

29 MATERIALS PROCESSING
Includes space-based development of products and processes for commercial application. For biological materials see *55 Space Biology.*

ENGINEERING For related information see also *Physics.*

31 ENGINEERING (GENERAL)
Includes vacuum technology; control engineering; display engineering; cryogenics; and fire prevention.

32 COMMUNICATIONS AND RADAR
Includes radar; land and global communications; communications theory; and optical communications. For related information see also *04 Aircraft Communications and Navigation* and *17 Space Communications, Spacecraft Communications, Command and Tracking.* For search and rescue see *03 Air Transportation and Safety,* and *16 Space Transportation.*

33 ELECTRONICS AND ELECTRICAL ENGINEERING
Includes test equipment and maintainability; components, e.g., tunnel diodes and transistors; microminiaturization; and integrated circuitry. For related information see also *60 Computer Operations and Hardware* and *76 Solid-State Physics.*

34 FLUID MECHANICS AND HEAT TRANSFER
Includes boundary layers; hydrodynamics; fluidics; mass transfer and ablation cooling. For related information see also *02 Aerodynamics* and *77 Thermodynamics and Statistical Physics.*

35 INSTRUMENTATION AND PHOTOGRAPHY
Includes remote sensors; measuring instruments and gauges; detectors; cameras and photographic supplies; and holography. For aerial photography see *43 Earth Resources and Remote Sensing.* For related information see also *06 Aircraft Instrumentation* and *19 Spacecraft Instrumentation.*

36 LASERS AND MASERS
Includes parametric amplifiers. For related information see also *76 Solid-State Physics.*

37 MECHANICAL ENGINEERING
Includes auxiliary systems (nonpower); machine elements and processes; and mechanical equipment.

38 QUALITY ASSURANCE AND RELIABILITY
Includes product sampling procedures and techniques; and quality control.

39 STRUCTURAL MECHANICS
Includes structural element design and weight analysis; fatigue; and thermal stress. For applications see *05 Aircraft Design, Testing and Performance* and *18 Spacecraft Design, Testing and Performance.*

GEOSCIENCES For related information see also *Space Sciences.*

42 GEOSCIENCES (GENERAL)

43 EARTH RESOURCES AND REMOTE SENSING
Includes remote sensing of earth resources by aircraft and spacecraft; photogrammetry; and aerial photography. For instrumentation see *35 Instrumentation and Photography.*

44 ENERGY PRODUCTION AND CONVERSION
Includes specific energy conversion systems, e.g., fuel cells; global sources of energy; geophysical conversion; and windpower. For related information see also *07 Aircraft Propulsion and Power, 20 Spacecraft Propulsion and Power,* and *28 Propellants and Fuels.*

45 ENVIRONMENT POLLUTION
Includes atmospheric, noise, thermal, and water pollution.

46 GEOPHYSICS
Includes aeronomy; upper and lower atmosphere studies; ionospheric and magnetospheric physics; and geomagnetism. For space radiation see *93 Space Radiation.*

47 METEOROLOGY AND CLIMATOLOGY
Includes weather forecasting and modification.

48 OCEANOGRAPHY
Includes biological, dynamic, and physical oceanography; and marine resources. For related information see also *43 Earth Resources and Remote Sensing.*

LIFE SCIENCES

51 LIFE SCIENCES (GENERAL)

52 AEROSPACE MEDICINE
Includes physiological factors; biological effects of radiation; and effects of weightlessness on man and animals.

53 BEHAVIORAL SCIENCES
Includes psychological factors; individual and group behavior; crew training and evaluation; and psychiatric research.

54 MAN/SYSTEM TECHNOLOGY AND LIFE SUPPORT
Includes human engineering; biotechnology; and space suits and protective clothing. For related information see also *16 Space Transportation.*

55 SPACE BIOLOGY
Includes exobiology; planetary biology; and extraterrestrial life.

MATHEMATICAL AND COMPUTER SCIENCES

59 MATHEMATICAL AND COMPUTER SCIENCES (GENERAL)

60 COMPUTER OPERATIONS AND HARDWARE
Includes hardware for computer graphics, firmware, and data processing. For components see *33 Electronics and Electrical Engineering.*

61 COMPUTER PROGRAMMING AND SOFTWARE
Includes computer programs, routines, algorithms, and specific applications, e.g., CAD/CAM.

62 COMPUTER SYSTEMS
Includes computer networks and special application computer systems.

63 CYBERNETICS
Includes feedback and control theory, artificial intelligence, robotics and expert systems. For related information see also *54 Man/System Technology and Life Support.*

64 NUMERICAL ANALYSIS
Includes iteration, difference equations, and numerical approximation.

65 STATISTICS AND PROBABILITY
Includes data sampling and smoothing; Monte Carlo method; and stochastic processes.

66 SYSTEMS ANALYSIS
Includes mathematical modeling; network analysis; and operations research.

67 THEORETICAL MATHEMATICS
Includes topology and number theory.

PHYSICS For related information see also *Engineering.*

70 PHYSICS (GENERAL)
For precision time and time interval (PTTI) see *35 Instrumentation and Photography;* for geophysics, astrophysics or solar physics see *46 Geophysics, 90 Astrophysics,* or *92 Solar Physics.*

71 ACOUSTICS
Includes sound generation, transmission, and attenuation. For noise pollution see *45 Environment Pollution.*

72 ATOMIC AND MOLECULAR PHYSICS
Includes atomic structure, electron properties, and molecular spectra.

73 NUCLEAR AND HIGH-ENERGY PHYSICS
Includes elementary and nuclear particles; and reactor theory. For space radiation see *93 Space Radiation.*

74 OPTICS
Includes light phenomena and optical devices. For lasers see *36 Lasers and Masers.*

75 PLASMA PHYSICS
Includes magnetohydrodynamics and plasma fusion. For ionospheric plasmas see *46 Geophysics.* For space plasmas see *90 Astrophysics.*

76 SOLID-STATE PHYSICS
Includes superconductivity. For related information see also *33 Electronics and Electrical Engineering* and *36 Lasers and Masers.*

77 THERMODYNAMICS AND STATISTICAL PHYSICS
Includes quantum mechanics; theoretical physics; and Bose and Fermi statistics. For related information see also *25 Inorganic and Physical Chemistry* and *34 Fluid Mechanics and Heat Transfer.*

SOCIAL SCIENCES

80 SOCIAL SCIENCES (GENERAL)
Includes educational matters.

81 ADMINISTRATION AND MANAGEMENT
Includes management planning and research.

82 DOCUMENTATION AND INFORMATION SCIENCE
Includes information management; information storage and retrieval technology; technical writing; graphic arts; and micrography. For computer documentation see *61 Computer Programming and Software.*

83 ECONOMICS AND COST ANALYSIS
Includes cost effectiveness studies.

84 LAW, POLITICAL SCIENCE AND SPACE POLICY
Includes NASA appropriation hearings; aviation law; space law and policy; international law; international cooperation; and patent policy.

85 URBAN TECHNOLOGY AND TRANSPORTATION
Includes applications of space technology to urban problems; technology transfer; technology assessment; and surface and mass transportation. For related information see *03 Air Transportation and Safety, 16 Space Transportation,* and *44 Energy Production and Conversion.*

SPACE SCIENCES For related information see also *Geosciences.*

88 SPACE SCIENCES (GENERAL)

89 ASTRONOMY
Includes radio, gamma-ray, and infrared astronomy; and astrometry.

90 ASTROPHYSICS
Includes cosmology; celestial mechanics; space plasmas; and interstellar and interplanetary gases and dust. For related information see also *75 Plasma Physics.*

91 LUNAR AND PLANETARY EXPLORATION
Includes planetology; and manned and unmanned flights. For spacecraft design or space stations see *18 Spacecraft Design, Testing and Performance.*

92 SOLAR PHYSICS
Includes solar activity, solar flares, solar radiation and sunspots. For related information see *93 Space Radiation.*

93 SPACE RADIATION
Includes cosmic radiation; and inner and outer earth's radiation belts. For biological effects of radiation see *52 Aerospace Medicine.* For theory see *73 Nuclear and High-Energy Physics.*

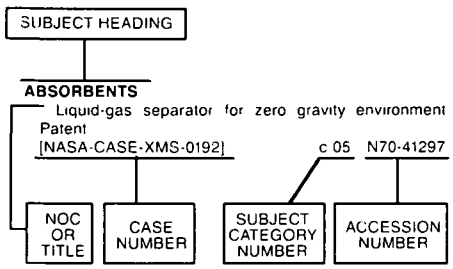
GENERAL

Includes aeronautical, astronautical, and space science related histories, biographies, and pertinent reports too broad for categorization; histories or broad overviews of NASA programs.

99 GENERAL

Section 2 • Indexes

Typical Subject Index Listing



The subject heading is a key to the subject content of the document. A brief description of the document, e.g., title, title plus a title extension, or notation of content (NOC), is included for each subject entry to indicate the subject heading context; these descriptions are arranged under each subject heading in ascending accession number order. The case number serves as the prime access number to the patent documents. The subject category number indicates the category in Section 1 (Abstracts) in which the patent citation and abstract are located. The accession number denotes the number by which the citation is identified within the subject category.

A

ABERRATION
High speed multi focal plane optical system
[NASA-CASE-GSC-12683-1] c 74 N83-36898
Control system for ruling blazed, aberration corrected diffraction gratings
[NASA-CASE-GSC-13240-1] c 35 N92-10186

ABILITIES
Kinesimetric method and apparatus
[NASA-CASE-MSC-18929-1] c 39 N83-20280

ABLATION
Transpirationally cooled heat ablation system Patent
[NASA-CASE-XMS-02677] c 31 N70-42075
Hypersonic test facility Patent
[NASA-CASE-XLA-00378] c 11 N71-15925
Hypersonic test facility Patent
[NASA-CASE-XLA-05378] c 11 N71-21475
Ablation sensor Patent
[NASA-CASE-XLA-01794] c 33 N71-21586
Ablation sensor Patent
[NASA-CASE-XLA-01791] c 14 N71-22991
Ablative system
[NASA-CASE-LEW-10359] c 33 N72-25911
Ablative shielding for hypervelocity projectiles
[NASA-CASE-MSC-21884-1] c 27 N92-30539

ABLATIVE MATERIALS
Method for making a heat insulating and ablative structure
[NASA-CASE-XMS-01108] c 15 N69-24322
Ablation sensor
[NASA-CASE-XLA-01781] c 14 N69-39975
Method for molding compounds Patent
[NASA-CASE-XLA-01091] c 15 N71-10672
Ablative resin Patent
[NASA-CASE-XLE-05913] c 33 N71-14032
Ablation structures Patent
[NASA-CASE-XMS-01816] c 33 N71-15623
Method and apparatus for making a heat insulating and ablative structure Patent
[NASA-CASE-XMS-02009] c 33 N71-20834
Thermal protection ablation spray system Patent
[NASA-CASE-XLA-04251] c 18 N71-26100
Stand-off type ablative heat shield
[NASA-CASE-MSC-12143-1] c 33 N72-17947
Ablative system
[NASA-CASE-LEW-10359] c 33 N72-25911
Ablative system
[NASA-CASE-LEW-10359-2] c 33 N73-25952
Ablation article and method
[NASA-CASE-LAR-10439-1] c 33 N73-27796
Dual measurement ablation sensor
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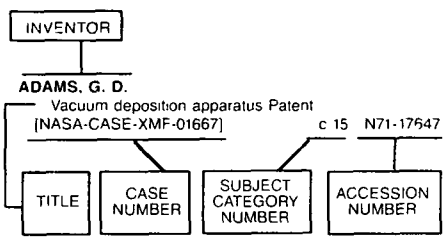

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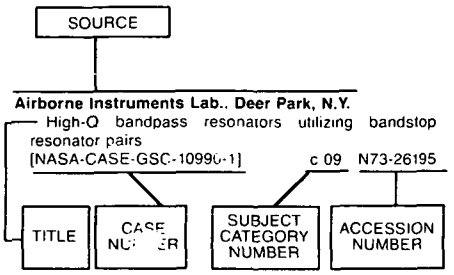

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Programmable scan/read circuitry for charge coupled device imaging detectors
[NASA-CASE-NPO-15345-1] c 74 N84-23247
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[NASA-CASE-NPO-16112-1] c 33 N86-19516

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[NASA-CASE-HQN-10876-1] c 33 N76-27473
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[NASA-CASE-MSC-14773-1] c 35 N78-12390
Automatic multiple-sample applicator and electrophoresis apparatus
[NASA-CASE-ARC-10991-1] c 25 N78-14104
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[NASA-CASE-ARC-10992-1] c 26 N78-32229
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[NASA-CASE-ARC-11121-1] c 25 N79-14169

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[NASA-CASE-XNP-04167-2] c 25 N72-24753
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[NASA-CASE-LAR-10270-1] c 32 N72-25877
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[NASA-CASE-MSC-13335-1] c 06 N72-31140
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[NASA-CASE-MSC-11072] c 54 N74-32546
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[NASA-CASE-LEW-12830-1] c 07 N77-23106
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[NASA-CASE-LEW-12317-1] c 07 N78-17055
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[NASA-CASE-LEW-12793-1] c 37 N79-11403
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[NASA-CASE-LEW-12389-3] c 07 N79-14096
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[NASA-CASE-LEW-12658-1] c 71 N79-14871
Method and apparatus for rapid thrust increases in a turbofan engine
[NASA-CASE-LEW-12971-1] c 07 N80-18039
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[NASA-CASE-LEW-12907-2] c 07 N81-19115
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[NASA-CASE-MFS-21395-1] c 25 N74-26948
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[NASA-CASE-MFS-21394-1] c 34 N74-27744
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[NASA-CASE-NPO-11106] c 14 N70-34697
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[NASA-CASE-XNP-01383] c 09 N71-10659
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Solar cell matrix Patent
[NASA-CASE-NPO-10821] c 03 N71-19545
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Coaxial cable connector Patent
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Soldering with solder flux which leaves corrosion resistant coating Patent
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Solar vane actuator Patent
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[NASA-CASE-XNP-01056] c 14 N71-23041
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Method of resolving clock synchronization error and means therefor Patent
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Impact testing machine Patent
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Detenting servomotor Patent
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Reversible motion drive system Patent
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Decoder system Patent
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Television signal processing system Patent
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Switching circuit Patent
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[NASA-CASE-NPO-10716] c 09 N71-24892
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Minimal logic block encoder Patent
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[NASA-CASE-NPO-10691] c 14 N71-26199
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Cascaded complementary pair broadband transistor amplifiers Patent
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Rapid sync acquisition system Patent
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Cryogenic cooling system Patent
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[NASA-CASE-NPO-10343] c 07 N71-27341
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[NASA-CASE-NPO-10700] c 07 N71-33613
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Manually actuated heat pump
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Virtual wall slot circularly polarized planar array antenna
[NASA-CASE-NPO-10301] c 07 N72-11148
System for controlling the operation of a variable signal device
[NASA-CASE-NPO-11064] c 07 N72-11150
Method and apparatus for data compression by a decreasing slope threshold test
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Apparatus for remote measurement of displacement of marks on a specimen undergoing a tensile test
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Vibration isolation system using compression springs
[NASA-CASE-NPO-11012] c 15 N72-11391
Feed system for an ion thruster
[NASA-CASE-NPO-10737] c 28 N72-11709
Thermostatic actuator
[NASA-CASE-NPO-10637] c 15 N72-12409
High voltage transistor amplifier with constant current load
[NASA-CASE-NPO-11023] c 09 N72-17155
Reference voltage switching unit
[NASA-CASE-NPO-11253] c 09 N72-17157
Valving device for automatic refilling in cryogenic liquid systems
[NASA-CASE-NPO-11177] c 15 N72-17453
Expansible support means
[NASA-CASE-NPO-11059] c 15 N72-17454
Breakaway connector
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Modular encoder
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Transition tracking bit synchronization system
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Digital quasi-exponential function generator
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Method and apparatus for high resolution spectral analysis
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Flow rate switch
[NASA-CASE-NPO-10722] c 09 N72-20199
Electrical connector
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Signal phase estimator
[NASA-CASE-NPO-11203] c 10 N72-20224
Optimal control system for an electric motor driven vehicle
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Impact energy absorbing system utilizing fracturable material
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Torsional disconnect unit
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Positioning mechanism
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Data multiplexer using tree switching configuration
[NASA-CASE-NPO-11333] c 08 N72-22162
System for quantizing graphic displays
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Digital function generator
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Analog-to-digital converter analyzing system
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[NASA-CASE-ARC-11243-2] c 23 N85-33187
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[NASA-CASE-ERC-10392] c 21 N73-14692
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Method and apparatus for measuring the damping characteristics of a structure
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[NASA-CASE-ARC-11536-1] c 33 N89-14384
Fire and heat resistant laminating resin based on maleimido and citraconimido substituted 1-(diorganooxyphosphonyl-methyl)-2,4- and -2,6-diaminobenzenes
[NASA-CASE-ARC-11533-2] c 27 N89-16042
Visual accommodation trainer-tester
[NASA-CASE-ARC-11426-2] c 52 N89-16256
Space station architecture, module, berthing hub, shell assembly, berthing mechanism and utility connection channel
[NASA-CASE-ARC-11505-2] c 18 N89-25266
Suitport extra-vehicular access facility
[NASA-CASE-ARC-11635-1] c 18 N90-16860
The 1-((diorganooxyphosphonyl)-methyl)-2,4- and -2,6-diamido benzenes
[NASA-CASE-ARC-11425-4] c 23 N90-20133
Boron-containing organosilane polymers and ceramic materials thereof
[NASA-CASE-ARC-11649-2-SB] c 27 N90-21177
Some 1-(diorganooxyphosphonyl)methyl-2,4- and -2,6-dinitro-benzenes
[NASA-CASE-ARC-11425-3] c 23 N90-23475
Three-dimensional laser velocimeter simultaneity detector
[NASA-CASE-ARC-11876-1] c 36 N90-25340
Wind tunnel balance
[NASA-CASE-ARC-11877-1-SB] c 09 N91-14357
Multiple axis reticle
[NASA-CASE-ARC-11886-1-SB] c 35 N91-14591
Laser velocimeter for near-surface measurements
[NASA-CASE-ARC-11917-1] c 35 N91-15520
Airborne rescue system
[NASA-CASE-ARC-11909-1] c 03 N91-31113
Etching method for photoresists or polymers
[NASA-CASE-ARC-11873-2] c 25 N91-31258
Cooling apparatus and couplings therefor
[NASA-CASE-ARC-11921-1] c 34 N92-11286
Toughened uni-piece fibrous insulation
[NASA-CASE-ARC-11888-1] c 24 N92-16026
Matching optics for Gaussian beams
[NASA-CASE-ARC-11892-1-SB] c 74 N92-16810
Apparatus for precision focussing and positioning of a beam waist on a target
[NASA-CASE-ARC-11916-1-SB] c 74 N92-16811
Boron-carbon-silicon polymers and ceramic and a process for the production thereof
[NASA-CASE-ARC-11891-2-SB] c 27 N92-34160

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Method and apparatus for wavelength tuning of liquid lasers
[NASA-CASE-ERC-10187] c 16 N69-31343
A method for the deposition of beta-silicon carbide by isoepitaxy
[NASA-CASE-ERC-10120] c 26 N69-33482
Full flow with shut off and selective drainage control valve Patent application
[NASA-CASE-ERC-10208] c 15 N70-10867
A method for selective gold diffusion of monolithic silicon devices and/or circuits Patent application
[NASA-CASE-ERC-10072] c 09 N70-11148
Method and means for an improved electron beam scanning system Patent
[NASA-CASE-ERC-10552] c 09 N71-12539
Apparatus and method for separating a semiconductor wafer Patent
[NASA-CASE-ERC-10138] c 26 N71-14354
Focused image holography with extended sources Patent
[NASA-CASE-ERC-10019] c 16 N71-15551
Recording and reconstructing focused image holograms Patent
[NASA-CASE-ERC-10017] c 16 N71-15567
Sorption vacuum trap Patent
[NASA-CASE-XER-09519] c 14 N71-18483
Voltage tunable Gunn-type microwave generator Patent
[NASA-CASE-XER-07894] c 09 N71-18721
Array phasing device Patent
[NASA-CASE-ERC-10046] c 10 N71-18722
Parametric microwave noise generator Patent
[NASA-CASE-XER-11019] c 09 N71-23598
Saturation current protection apparatus for saturable core transformers Patent
[NASA-CASE-ERC-10075] c 09 N71-24800
Repetitively pulsed, wavelength selective laser Patent
[NASA-CASE-ERC-10178] c 16 N71-24832
Optical mirror apparatus Patent
[NASA-CASE-ERC-10001] c 23 N71-24868
Unsaturating saturable core transformer Patent
[NASA-CASE-ERC-10125] c 09 N71-24893
Leak detector wherein a probe is monitored with ultraviolet radiation Patent
[NASA-CASE-ERC-10034] c 15 N71-24896
Method for detecting leaks in hermetically sealed containers Patent
[NASA-CASE-ERC-10045] c 15 N71-24910
Satellite aided vehicle avoidance system Patent
[NASA-CASE-ERC-10090] c 21 N71-24948
Transverse piezoresistance and pinch effect electromechanical transducers Patent
[NASA-CASE-ERC-10088] c 26 N71-25490
A solid state acoustic variable time delay line Patent
[NASA-CASE-ERC-10032] c 10 N71-25900
Method and means for recording and reconstructing holograms without use of a reference beam Patent
[NASA-CASE-ERC-10020] c 16 N71-26154
Electromechanical control actuator system Patent
[NASA-CASE-ERC-10022] c 15 N71-26635
Method and apparatus for detecting gross leaks Patent
[NASA-CASE-ERC-10033] c 14 N71-26672
Field ionization electrodes Patent
[NASA-CASE-ERC-10013] c 09 N71-26678
Voltage regulator Patent
[NASA-CASE-ERC-10113] c 09 N71-27053
A multichannel photoionization chamber for absorption analysis Patent
[NASA-CASE-ERC-10044-1] c 14 N71-27090
Pressure sensitive transducers Patent
[NASA-CASE-ERC-10087] c 14 N71-27334
Constant frequency output two stage induction machine systems Patent
[NASA-CASE-ERC-10065] c 09 N71-27364
Fluid power transmitting gas bearing Patent
[NASA-CASE-ERC-10097] c 15 N71-28465
Color television systems using a single gun color cathode ray tube Patent
[NASA-CASE-ERC-10098] c 09 N71-28618
Ion microprobe mass spectrometer for analyzing fluid materials Patent
[NASA-CASE-ERC-10014] c 14 N71-28863
Orifice gross leak tester Patent
[NASA-CASE-ERC-10150] c 14 N71-28992
Device for measuring light scattering wherein the measuring beam is successively reflected between a pair of parallel reflectors Patent
[NASA-CASE-XER-11203] c 14 N71-28994
Quasi-optical microwave component Patent
[NASA-CASE-ERC-10011] c 07 N71-29065
Multiple hologram recording and readout system Patent
[NASA-CASE-ERC-10151] c 16 N71-29131
Plasma fluidic hybrid display Patent
[NASA-CASE-ERC-10100] c 09 N71-33519
Optical systems having spatially invariant outputs
[NASA-CASE-ERC-10248] c 14 N72-17323
Method of detecting impending saturation of magnetic cores
[NASA-CASE-ERC-10089] c 23 N72-17747
Logarithmic function generator utilizing an exponentially varying signal in an inverse manner
[NASA-CASE-ERC-10267] c 09 N72-23173
Method and apparatus for limiting field emission current
[NASA-CASE-ERC-10015-2] c 10 N72-27246

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Rocket chamber leak test fixture
[NASA-CASE-XFR-09479] c 14 N69-27503
Three axis controller Patent
[NASA-CASE-XFR-00181] c 21 N70-33279
Catalyst bed removing tool Patent
[NASA-CASE-XFR-00811] c 15 N70-36901
Two-axis controller Patent
[NASA-CASE-XFR-04104] c 03 N70-42073
Controlled visibility device for an aircraft Patent
[NASA-CASE-XFR-04147] c 11 N71-10748
Biomedical electrode arrangement Patent
[NASA-CASE-XFR-10856] c 05 N71-11189
Lifting body Patent Application
[NASA-CASE-FRC-10063] c 01 N71-12217
Energy management system for glider type vehicle Patent
[NASA-CASE-XFR-00756] c 02 N71-13421
Quick attach mechanism Patent
[NASA-CASE-XFR-05421] c 15 N71-22994
Heat flux measuring system Patent
[NASA-CASE-XFR-03802] c 33 N71-23085
Threadless fastener apparatus Patent
[NASA-CASE-XFR-05302] c 15 N71-23254
Traversing probe Patent
[NASA-CASE-XFR-02007] c 12 N71-24692
Layout tool Patent
[NASA-CASE-FRC-10005] c 15 N71-26145
Pulsed excitation voltage circuit for transducers
[NASA-CASE-FRC-10036] c 09 N72-22200
Acoustical transducer calibrating system and apparatus
[NASA-CASE-FRC-10060-1] c 14 N73-27379

Three-axis adjustable loading structure
[NASA-CASE-FRC-10051-1] c 35 N74-13129
Terminal guidance system
[NASA-CASE-FRC-10049-1] c 04 N74-13420
Full wave modulator-demodulator amplifier apparatus
[NASA-CASE-FRC-10072-1] c 33 N74-14939
Rotating raster generator
[NASA-CASE-FRC-10071-1] c 32 N74-20813
Inflatable device for installing strain gage bridges
[NASA-CASE-FRC-11068-1] c 35 N84-12443

National Aeronautics and Space Administration. Goddard Inst. for Space Studies, New York, NY.

Application of luciferase assay for ATP to antimicrobial drug susceptibility
[NASA-CASE-GSC-12039-1] c 51 N77-22794
Method for fabricating a mass spectrometer inlet leak
[NASA-CASE-GSC-12077-1] c 35 N77-24455
Length controlled stabilized mode-lock ND:YAG laser
[NASA-CASE-GSC-11571-1] c 36 N77-25499
Three phase full wave dc motor decoder
[NASA-CASE-GSC-11824-1] c 33 N77-26386
Gregorian all-reflective optical system
[NASA-CASE-GSC-12058-1] c 74 N77-26942
Opto-mechanical subsystem with temperature compensation through isothermal design
[NASA-CASE-GSC-12059-1] c 35 N77-27366
Controlled caging and uncaging mechanism
[NASA-CASE-GSC-11063-1] c 37 N77-27400
Wideband heterodyne receiver for laser communication system
[NASA-CASE-GSC-12053-1] c 32 N77-28346
Method and apparatus for producing an image from a transparent object
[NASA-CASE-GSC-11989-1] c 74 N77-28932
Pseudo noise code and data transmission method and apparatus
[NASA-CASE-GSC-12017-1] c 32 N77-30308
Speech analyzer
[NASA-CASE-GSC-11898-1] c 32 N77-30309
Automatic transponder
[NASA-CASE-GSC-12075-1] c 32 N77-31350
Method of treating the surface of a glass member
[NASA-CASE-GSC-12110-1] c 27 N77-32308
Flat-plate heat pipe
[NASA-CASE-GSC-11998-1] c 34 N77-32413
Fluid sampling device
[NASA-CASE-GSC-12143-1] c 35 N77-32456
Analog to digital converter for two-dimensional radiant energy array computers
[NASA-CASE-GSC-11839-3] c 60 N77-32731
Remote sensing of vegetation and soil using microwave ellipsometry
[NASA-CASE-GSC-11976-1] c 43 N78-10529
Memory device for two-dimensional radiant energy array computers
[NASA-CASE-GSC-11839-2] c 60 N78-10709

National Aeronautics and Space Administration. Goddard Space Flight Center, Greenbelt, MD.

Regulated dc to dc converter
[NASA-CASE-XGS-03429] c 03 N69-21330
Apparatus for measuring swelling characteristics of *membranes*
[NASA-CASE-XGS-03865] c 14 N69-21363
Tumbler system to provide random motion
[NASA-CASE-XGS-02437] c 15 N69-21472
Automatic acquisition system for phase-lock loop
[NASA-CASE-XGS-04994] c 09 N69-21543
Low power drain semi-conductor circuit
[NASA-CASE-XGS-04999] c 09 N69-24317
Spacecraft battery seals
[NASA-CASE-XGS-03864] c 15 N69-24320
Scanning aspect sensor employing an apertured disc and a commutator
[NASA-CASE-XGS-08266] c 14 N69-27432
Monopulse system with an electronic scanner
[NASA-CASE-XGS-05582] c 07 N69-27460
Ring counter
[NASA-CASE-XGS-03095] c 09 N69-27463
Retrodirective optical system
[NASA-CASE-XGS-04480] c 16 N69-27491
Time division multiplex system
[NASA-CASE-XGS-05918] c 07 N69-39974
Doppler frequency spread correction device for multiplex transmissions
[NASA-CASE-XGS-02749] c 07 N69-39978
Alkali-metal silicate protective coating
[NASA-CASE-XGS-04119] c 18 N69-39979
Device for measuring electron-beam intensities and for *subjecting materials to electron irradiation in an electron* microscope
[NASA-CASE-XGS-01725] c 14 N69-39982
Light sensitive digital aspect sensor Patent
[NASA-CASE-XGS-00359] c 14 N70-34158
Method and apparatus for determining satellite orientation utilizing spatial energy sources Patent
[NASA-CASE-XGS-00466] c 21 N70-34297
Binary magnetic memory device Patent
[NASA-CASE-XGS-00174] c 08 N70-34743
Full binary adder Patent
[NASA-CASE-XGS-00689] c 08 N70-34787
Ultra-long monostable multivibrator employing bistable semiconductor switch to allow charging of timing circuit Patent
[NASA-CASE-XGS-00381] c 09 N70-34819
Space and atmospheric reentry vehicle Patent
[NASA-CASE-XGS-00260] c 31 N70-37924
Variable frequency magnetic multivibrator Patent
[NASA-CASE-XGS-00458] c 09 N70-38604
Switching mechanism with energy storage means Patent
[NASA-CASE-XGS-00473] c 03 N70-38713
Variable frequency magnetic multivibrator Patent
[NASA-CASE-XGS-00131] c 09 N70-38995
Stretch de-spin mechanism Patent
[NASA-CASE-XGS-00619] c 30 N70-40016
Folding boom assembly Patent
[NASA-CASE-XGS-00938] c 32 N70-41367
Cryogenic connector for vacuum use Patent
[NASA-CASE-XGS-02441] c 15 N70-41629
Endless tape cartridge Patent
[NASA-CASE-XGS-00769] c 14 N70-41647
Apparatus for producing three-dimensional recordings of flourescence spectra Patent
[NASA-CASE-XGS-01231] c 14 N70-41676
Method and apparatus for determining electromagnetic characteristics of large surface area passive reflectors Patent
[NASA-CASE-XGS-02608] c 07 N70-41678
Prevention of pressure build-up in electrochemical cells Patent
[NASA-CASE-XGS-01419] c 03 N70-41864
Variable time constant smoothing circuit Patent
[NASA-CASE-XGS-01983] c 10 N70-41964
Endless tape transport mechanism Patent
[NASA-CASE-XGS-01223] c 07 N71-10609
Reversible ring counter employing cascaded single SCR stages Patent
[NASA-CASE-XGS-01473] c 09 N71-10673
Electronic beam switching commutator Patent
[NASA-CASE-XGS-01451] c 09 N71-10677
Sun tracker with rotatable plane-parallel plate and two photocells Patent
[NASA-CASE-XGS-01159] c 21 N71-10678
Non-magnetic battery case Patent
[NASA-CASE-XGS-00886] c 03 N71-11053
Interconnection of solar cells Patent
[NASA-CASE-XGS-01475] c 03 N71-11058
Frequency shift keyed demodulator Patent
[NASA-CASE-XGS-02889] c 07 N71-11282
Bi-polar phase detector and corrector for split phase PCM data signals Patent
[NASA-CASE-XGS-01590] c 07 N71-12392
Data processor having multiple sections activated at *different times by selective power coupling to the sections* Patent
[NASA-CASE-XGS-04767] c 08 N71-12494
Position location system and method Patent
[NASA-CASE-GSC-10087-2] c 21 N71-13958
Fire resistant coating composition Patent
[NASA-CASE-GSC-10072] c 18 N71-14014
Passively regulated water electrolysis rocket engine Patent
[NASA-CASE-XGS-08729] c 28 N71-14044
Attitude control system Patent
[NASA-CASE-XGS-04393] c 21 N71-14159
Retrodirective modulator Patent
[NASA-CASE-GSC-10062] c 14 N71-15605
Spacecraft attitude detection system by stellar reference Patent
[NASA-CASE-XGS-03431] c 21 N71-15642
Cartwheel satellite synchronization system Patent
[NASA-CASE-XGS-05579] c 31 N71-15676
Wide range linear fluxgate magnetometer Patent
[NASA-CASE-XGS-01587] c 14 N71-15962
Low friction magnetic recording tape Patent
[NASA-CASE-XGS-00373] c 23 N71-15978
Method for etching copper Patent
[NASA-CASE-XGS-06306] c 17 N71-16044
Bacteriostatic conformal coating and methods of application Patent
[NASA-CASE-GSC-10007] c 18 N71-16046
Serrodyne frequency converter re-entrant amplifier system Patent
[NASA-CASE-XGS-01022] c 07 N71-16088
Position location and data collection system and method Patent
[NASA-CASE-GSC-10083-1] c 30 N71-16090
Position sensing device employing misaligned magnetic field generating and detecting apparatus Patent
[NASA-CASE-XGS-07514] c 23 N71-16099
Optical tracker having overlapping reticles on parallel axes Patent
[NASA-CASE-XGS-05715] c 23 N71-16100
Self-erecting reflector Patent
[NASA-CASE-XGS-09190] c 31 N71-16102
Dust particle injector for hypervelocity accelerators Patent
[NASA-CASE-XGS-06628] c 24 N71-16213
Ellipsoidal mirror reflectometer including means for averaging the radiation reflected from the sample Patent
[NASA-CASE-XGS-05291] c 23 N71-16341
Angular position and velocity sensing apparatus Patent
[NASA-CASE-XGS-05680] c 14 N71-17585
Apparatus for controlling the velocity of an electromechanical drive for interferometers and the like Patent
[NASA-CASE-XGS-03532] c 14 N71-17627
Omni-directional anisotropic molecular trap Patent
[NASA-CASE-XGS-00783] c 30 N71-17788
Method of making tubes Patent
[NASA-CASE-XGS-04175] c 15 N71-18579
Pulse-type magnetic core memory element circuit with blocking oscillator feedback Patent
[NASA-CASE-XGS-03303] c 08 N71-18595
Ripple add and ripple subtract binary counters Patent
[NASA-CASE-XGS-04766] c 08 N71-18602
Computing apparatus Patent
[NASA-CASE-XGS-04765] c 08 N71-18693
Stepping motor control circuit Patent
[NASA-CASE-GSC-10366-1] c 10 N71-18772
Traffic control system and method Patent
[NASA-CASE-GSC-10087-1] c 02 N71-19287
Apparatus for measuring current flow Patent
[NASA-CASE-XGS-02439] c 14 N71-19431
Synchronous counter Patent
[NASA-CASE-XGS-02440] c 08 N71-19432
Wide range data compression system Patent
[NASA-CASE-XGS-02612] c 08 N71-19435
Apparatus for computing square roots Patent
[NASA-CASE-XGS-04768] c 08 N71-19437
Method and apparatus for battery charge control *Patent*
[NASA-CASE-XGS-05432] c 03 N71-19438
Stable amplifier having a stable quiescent point Patent
[NASA-CASE-XGS-02812] c 09 N71-19466
Tracking antenna system Patent
[NASA-CASE-GSC-10553-1] c 07 N71-19854
Electrochemical coulometer and method of forming same Patent
[NASA-CASE-XGS-05434] c 03 N71-20491
Display for binary characters Patent
[NASA-CASE-XGS-04987] c 08 N71-20571
Amplifier clamping circuit for horizon scanner Patent
[NASA-CASE-XGS-01784] c 10 N71-20782
Diversity receiving system with diversity phase lock Patent
[NASA-CASE-XGS-01222] c 10 N71-20841
Signal detection and tracking apparatus Patent
[NASA-CASE-XGS-03502] c 10 N71-20852
Polarization diversity monopulse tracking receiver Patent
[NASA-CASE-XGS-03501] c 09 N71-20864
System for recording and reproducing pulse code modulated data Patent
[NASA-CASE-XGS-01021] c 08 N71-21042
Satellite appendage tie down cord Patent
[NASA-CASE-XGS-02554] c 31 N71-21064
Reaction wheel scanner Patent
[NASA-CASE-XGS-02629] c 14 N71-21082
Nonmagnetic, explosive actuated indexing device Patent
[NASA-CASE-XGS-02422] c 15 N71-21529
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[NASA-CASE-XGS-04227] c 15 N71-21744
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[NASA-CASE-XGS-02884] c 15 N71-22705
Precision thrust gage Patent
[NASA-CASE-XGS-02319] c 14 N71-22965
Sealing device for an electrochemical cell Patent
[NASA-CASE-XGS-02630] c 03 N71-22974
Rotary bead dropper and selector for testing micrometeorite detectors Patent
[NASA-CASE-XGS-03304] c 09 N71-22988
Moment of inertia test fixture Patent
[NASA-CASE-XGS-01023] c 14 N71-22992
Fluid flow meter with comparator reference means Patent
[NASA-CASE-XGS-01331] c 14 N71-22996
Foamed in place ceramic refractory insulating material Patent
[NASA-CASE-XGS-02435] c 18 N71-22998

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[NASA-CASE-XGS-01812] c 07 N71-23001
Bonded elastomeric seal for electrochemical cells Patent
[NASA-CASE-XGS-02631] c 03 N71-23006
Apparatus providing a directive field pattern and attitude sensing of a spin stabilized satellite Patent
[NASA-CASE-XGS-02607] c 31 N71-23009
Complementary regenerative switch Patent
[NASA-CASE-XGS-02751] c 09 N71-23015
Solid state pulse generator with constant output width, for variable input width, in nanosecond range Patent
[NASA-CASE-XGS-03427] c 10 N71-23029
Sidereal frequency generator Patent
[NASA-CASE-XGS-02610] c 14 N71-23174
Solar cell and circuit array and process for nullifying magnetic fields Patent
[NASA-CASE-XGS-03390] c 03 N71-23187
Passive synchronized spike generator with high input impedance and low output impedance and capacitor power supply Patent
[NASA-CASE-XGS-03632] c 09 N71-23311
Seated electrochemical cell provided with a flexible casing Patent
[NASA-CASE-XGS-01513] c 03 N71-23336
Digitally controlled frequency synthesizer Patent
[NASA-CASE-XGS-02317] c 09 N71-23525
Radio frequency coaxial high pass filter Patent
[NASA-CASE-XGS-01418] c 09 N71-23573
Apparatus for phase stability determination Patent
[NASA-CASE-XGS-01118] c 10 N71-23662
Tape recorder Patent
[NASA-CASE-XGS-08259] c 14 N71-23698
Balance torquemeter Patent
[NASA-CASE-XGS-01013] c 14 N71-23725
Mechanical actuator Patent
[NASA-CASE-XGS-04548] c 15 N71-24045
Selective plating of etched circuits without removing previous plating Patent
[NASA-CASE-XGS-03120] c 15 N71-24047
Alkali metal silicate protective coating Patent
[NASA-CASE-XGS-04799] c 18 N71-24183
Strain gauge measuring techniques Patent
[NASA-CASE-XGS-04478] c 14 N71-24233
Electromagnetic polarization systems and methods Patent
[NASA-CASE-GSC-10021-1] c 09 N71-24595
Redundant actuating mechanism Patent
[NASA-CASE-XGS-08718] c 15 N71-24600
Satellite communication system and method Patent
[NASA-CASE-GSC-10118-1] c 07 N71-24621
Programmable telemetry system Patent
[NASA-CASE-GSC-10131-1] c 07 N71-24624
Coulometer and third electrode battery charging circuit Patent
[NASA-CASE-GSC-10487-1] c 03 N71-24719
Electronic scanning of 2-channel monopulse patterns Patent
[NASA-CASE-GSC-10299-1] c 09 N71-24804
Annular slit colloid thrustor Patent
[NASA-CASE-GSC-10709-1] c 28 N71-25213
Voltage to frequency converter Patent
[NASA-CASE-GSC-10022-1] c 10 N71-25882
Direct current motor with stationary armature and field Patent
[NASA-CASE-XGS-05290] c 09 N71-25999
Buck boost voltage regulation circuit Patent
[NASA-CASE-GSC-10735-1] c 10 N71-26085
Adaptive system and method for signal generation Patent
[NASA-CASE-GSC-11367] c 10 N71-26374
Control apparatus for applying pulses of selectively predetermined duration to a sequence of loads Patent
[NASA-CASE-XGS-04224] c 10 N71-26418
Turn on transient limiter Patent
[NASA-CASE-GSC-10413] c 10 N71-26531
Voltage regulator with plural parallel power source sections Patent
[NASA-CASE-GSC-10891-1] c 10 N71-26626
Method for generating ultra-precise angles Patent
[NASA-CASE-XGS-04173] c 19 N71-26674
Resettable monostable pulse generator Patent
[NASA-CASE-GSC-11139] c 09 N71-27016
Micro-pound extended range thrust stand Patent
[NASA-CASE-GSC-10710-1] c 28 N71-27094
Synchronous dc direct drive system Patent
[NASA-CASE-GSC-10065-1] c 10 N71-27136
Antenna array at focal plane of reflector with coupling network for beam switching Patent
[NASA-CASE-GSC-10220-1] c 07 N71-27233
Gravity gradient attitude control system Patent
[NASA-CASE-GSC-10555-1] c 21 N71-27324
Segmented superconducting magnet for a broadband traveling wave maser Patent
[NASA-CASE-XGS-10518] c 16 N71-28554

Millimeter wave antenna system Patent Application
[NASA-CASE-GSC-10949-1] c 07 N71-28965
Sampled data controller Patent
[NASA-CASE-GSC-10554-1] c 08 N71-29033
Variable digital processor including a register for shifting and rotating bits in either direction Patent
[NASA-CASE-GSC-10186] c 08 N71-33110
Combustion products generating and metering device
[NASA-CASE-GSC-11095-1] c 14 N72-10375
Analog spatial maneuver computer
[NASA-CASE-GSC-10880-1] c 08 N72-11172
Helical recorder arrangement for multiple channel recording on both sides of the tape
[NASA-CASE-GSC-10614-1] c 09 N72-11224
Method and apparatus for eliminating coherent noise in a coherent energy imaging system without destroying spatial coherence
[NASA-CASE-GSC-11133-1] c 23 N72-11568
Position location system and method
[NASA-CASE-GSC-10087-3] c 07 N72-12080
Facsimile video remodulation network
[NASA-CASE-GSC-10185-1] c 07 N72-12081
Frangible electrochemical cell
[NASA-CASE-XGS-10010] c 03 N72-15986
Caterpillar micro positioner
[NASA-CASE-GSC-10780-1] c 14 N72-16283
Minimech self-deploying boom mechanism
[NASA-CASE-GSC-10566-1] c 15 N72-18477
Heated porous plug microthrustor
[NASA-CASE-GSC-10640-1] c 28 N72-18766
Optimum performance spacecraft solar cell system
[NASA-CASE-GSC-10669-1] c 03 N72-20031
Monostable multivibrator
[NASA-CASE-GSC-10082-1] c 10 N72-20221
Roll alignment detector
[NASA-CASE-GSC-10514-1] c 14 N72-20379
Cosmic dust sensor
[NASA-CASE-GSC-10503-1] c 14 N72-20381
Solenoid valve including guide for armature and valve member
[NASA-CASE-GSC-10607-1] c 15 N72-20442
Fast response low power drain logic circuits
[NASA-CASE-GSC-10878-1] c 10 N72-22236
Trap for preventing diffusion pump backstreaming
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[NASA-CASE-KSC-11155-1] c 04 N86-19304
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System for monitoring signal amplitude ranges
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[NASA-CASE-MSC-12259-1] c 07 N70-12616
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[NASA-CASE-XMS-01240] c 05 N70-35152
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[NASA-CASE-XMS-01115] c 05 N70-39922
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[NASA-CASE-XMS-00893] c 07 N70-40063
Measuring device Patent
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Instrument for use in performing a controlled Valsalva maneuver Patent
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[NASA-CASE-XMS-03371] c 05 N70-42000
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Transpirationally cooled heat ablation system Patent
[NASA-CASE-XMS-02677] c 31 N70-42075
Voltage-current characteristic simulator Patent
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[NASA-CASE-XMS-02977] c 11 N71-10746
Gravity stabilized flying vehicle Patent
[NASA-CASE-MSC-12111-1] c 02 N71-11039
Helmet assembly and latch means therefor Patent
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Hand-held self-maneuvering unit Patent
[NASA-CASE-XMS-05304] c 05 N71-12336
Pressure garment joint Patent
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Dynamic Doppler simulator Patent
[NASA-CASE-XMS-05454-1] c 07 N71-12391
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High voltage pulse generator Patent
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[NASA-CASE-XMS-09691-1] c 18 N71-15545
Ablation structures Patent
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Spacecraft radiator cover Patent
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Flexible blade antenna Patent
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Solar optical telescope dome control system Patent
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[NASA-CASE-XMS-10660-1] c 15 N71-25975
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Vinyl capped addition polyimides
[NASA-CASE-LEW-15027-2] c 27 N92-24053
Self-deploying photovoltaic power system
[NASA-CASE-LEW-15308-1] c 44 N92-24057
Monolithic mm-wave phase shifter using optically activated superconducting switches
[NASA-CASE-LEW-14878-1] c 74 N92-28571
Oxidation resistant coating for titanium alloys and titanium alloy matrix composites
[NASA-CASE-LEW-15155-1] c 27 N92-29090
Removable hand hold
[NASA-CASE-LEW-15196-1] c 37 N92-29092
Pulse thermal energy transport/storage system
[NASA-CASE-LEW-15235-1] c 34 N92-29125
Solar thermal energy receiver
[NASA-CASE-LEW-14949-1] c 44 N92-29143
Graphite fluoride from iodine intercalated graphitized carbon
[NASA-CASE-LEW-15360-1] c 25 N92-34206
Heat transfer device
[NASA-CASE-LEW-14162-3] c 24 N92-34208
Method of reducing drag in aerodynamic systems
[NASA-CASE-LEW-14791-1] c 02 N92-34243

National Aeronautics and Space Administration. Manned Spacecraft Center, Cape Canaveral, FL.
Electrode for biological recording
[NASA-CASE-XMS-02872] c 05 N69-21925

National Aeronautics and Space Administration. Manned Spacecraft Center, Langley Station, VA.
Plural recorder system
[NASA-CASE-XMS-06949] c 09 N69-21467

National Aeronautics and Space Administration. Marshall Space Flight Center, Huntsville, AL.
Electrical feed-through connection for printed circuit boards and printed cable
[NASA-CASE-XMF-01483] c 14 N69-27431
Method for detecting hydrogen gas
[NASA-CASE-XMF-03873] c 06 N69-39733
Electrical connector Patent Application
[NASA-CASE-MFS-14741] c 09 N70-20737
Angular measurement system Patent
[NASA-CASE-XMF-00447] c 14 N70-33179
Insulating structure Patent
[NASA-CASE-XMF-00341] c 15 N70-33323
Space vehicle electrical system Patent
[NASA-CASE-XMF-00517] c 03 N70-34157
Pivotal shock absorbing pad assembly Patent
[NASA-CASE-XMF-03856] c 31 N70-34159
Gimbaled, partially submerged rocket nozzle Patent
[NASA-CASE-XMF-01544] c 28 N70-34162
Recoverable rocket vehicle Patent
[NASA-CASE-XMF-00389] c 31 N70-34176
Electrical discharge apparatus for forming Patent
[NASA-CASE-XMF-00375] c 15 N70-34249
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[NASA-CASE-XMF-00462] c 14 N70-34298
Relay binary circuit Patent
[NASA-CASE-XMF-00421] c 09 N70-34502
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[NASA-CASE-XMF-00185] c 21 N70-34539
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[NASA-CASE-XMF-00324] c 09 N70-34596
Externally pressurized fluid bearing Patent
[NASA-CASE-XMF-00515] c 15 N70-34664
Force measuring instrument Patent
[NASA-CASE-XMF-00456] c 14 N70-34705
Seismic displacement transducer Patent
[NASA-CASE-XMF-00479] c 14 N70-34794
Electric arc welding Patent
[NASA-CASE-XMF-00392] c 15 N70-34814
Assembly for recovering a capsule Patent
[NASA-CASE-XMF-00641] c 31 N70-36410
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[NASA-CASE-XMF-00369] c 09 N70-36494
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[NASA-CASE-XMF-00411] c 11 N70-36913
Gravity device Patent
[NASA-CASE-XMF-00424] c 11 N70-38196
Injector for bipropellant rocket engines Patent
[NASA-CASE-XMF-00148] c 28 N70-38710
Electronic motor control system Patent
[NASA-CASE-XMF-01129] c 09 N70-38712
Slosh suppressing device and method Patent
[NASA-CASE-XMF-00658] c 12 N70-38997
Air bearing Patent
[NASA-CASE-XMF-00339] c 15 N70-39896
Instrument support with precise lateral adjustment Patent
[NASA-CASE-XMF-00480] c 14 N70-39898
Segmented back-up bar Patent
[NASA-CASE-XMF-00640] c 15 N70-39924
Collapsible loop antenna for space vehicle Patent
[NASA-CASE-XMF-00437] c 07 N70-40202
Flexible back-up bar Patent
[NASA-CASE-XMF-00722] c 15 N70-40204
Electro-optical alignment control system Patent
[NASA-CASE-XMF-00908] c 14 N70-40238

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[NASA-CASE-XMF-03198] c 30 N70-40353
Double-acting shock absorber Patent
[NASA-CASE-XMF-01045] c 15 N70-40354
Portable alignment tool Patent
[NASA-CASE-XMF-01452] c 15 N70-41371
Device for suppressing sound and heat produced by high-velocity exhaust jets Patent
[NASA-CASE-XMF-01813] c 28 N70-41582
Unfired-ceramic flame-resistant insulation and method of making the same Patent
[NASA-CASE-XMF-01030] c 18 N70-41583
Pulse counting circuit which simultaneously indicates the occurrence of the nth pulse Patent
[NASA-CASE-XMF-00906] c 09 N70-41655
Support apparatus for dynamic testing Patent
[NASA-CASE-XMF-01772] c 11 N70-41677
Locking device with rolling detents Patent
[NASA-CASE-XMF-01371] c 15 N70-41829
Tank construction for space vehicles Patent
[NASA-CASE-XMF-01899] c 31 N70-41948
Positive displacement flowmeter Patent
[NASA-CASE-XMF-02822] c 14 N70-41994
Hydraulic support for dynamic testing Patent
[NASA-CASE-XMF-03248] c 11 N71-10604
Fiber optic vibration transducer and analyzer Patent
[NASA-CASE-XMF-02433] c 14 N71-10616
Method and means for damping nutation in a satellite Patent
[NASA-CASE-XMF-00442] c 31 N71-10747
Heat pipe thermionic diode power system Patent
[NASA-CASE-XMF-05843] c 03 N71-11055
Synthesis of siloxane-containing epoxy polymers Patent
[NASA-CASE-MFS-13994-1] c 06 N71-11240
Bi-carrier demodulator with modulation Patent
[NASA-CASE-XMF-01160] c 07 N71-11298
Harness assembly Patent
[NASA-CASE-MFS-14671] c 05 N71-12341
Magnetic matrix memory system Patent
[NASA-CASE-XMF-05835] c 08 N71-12504
Pulse amplitude and width detector Patent
[NASA-CASE-XMF-06519] c 09 N71-12519
Microwave power receiving antenna Patent
[NASA-CASE-MFS-20333] c 09 N71-13486
Hybrid holographic system using reflected and transmitted object beams simultaneously Patent
[NASA-CASE-MFS-20074] c 16 N71-15565
Reactance control system Patent
[NASA-CASE-XMF-01598] c 21 N71-15583
Apparatus for welding torch angle and seam tracking control Patent
[NASA-CASE-XMF-03287] c 15 N71-15607
Multiway vortex valve system Patent
[NASA-CASE-XMF-04709] c 15 N71-15609
Injector assembly for liquid fueled rocket engines Patent
[NASA-CASE-XMF-00968] c 28 N71-15660
Space capsule ejection assembly Patent
[NASA-CASE-XMF-03169] c 31 N71-15675
Air cushion lift pad Patent
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Method of making a molded connector Patent
[NASA-CASE-XMF-03498] c 15 N71-15986
Regenerative braking system Patent
[NASA-CASE-XMF-01096] c 10 N71-16030
Condition and condition duration indicator Patent
[NASA-CASE-XMF-01097] c 10 N71-16058
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Passive optical wind and turbulence detection system Patent
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Serpentuator Patent
[NASA-CASE-XMF-05344] c 31 N71-16345
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[NASA-CASE-XMF-05844] c 14 N71-17587
High pressure gas filter system Patent
[NASA-CASE-MFS-12806] c 14 N71-17588
Burst diaphragm flow initiator Patent
[NASA-CASE-MFS-12915] c 11 N71-17600
Vacuum deposition apparatus Patent
[NASA-CASE-XMF-01667] c 15 N71-17647
Quick disconnect latch and handle combination Patent
[NASA-CASE-MFS-11132] c 15 N71-17649
Method and apparatus for precision sizing and joining of large diameter tubes Patent
[NASA-CASE-XMF-05114] c 15 N71-17650
Low temperature flexure fatigue cryostat Patent
[NASA-CASE-XMF-02964] c 14 N71-17659
Precision stepping drive Patent
[NASA-CASE-MFS-14772] c 15 N71-17692
Multi-mission module Patent
[NASA-CASE-XMF-01543] c 31 N71-17730
Ratchet mechanism Patent
[NASA-CASE-MFS-12805] c 15 N71-17805
Method of making impurity-type semiconductor electrical contacts Patent
[NASA-CASE-XMF-01016] c 26 N71-17818
Apparatus for the determination of the existance or non-existence of a bonding between two members Patent
[NASA-CASE-MFS-13686] c 15 N71-18132
Static inverters which sum a plurality of waves Patent
[NASA-CASE-XMF-00663] c 08 N71-18752
Space environmental work simulator Patent
[NASA-CASE-XMF-07488] c 11 N71-18773
Space manufacturing machine Patent
[NASA-CASE-MFS-20410] c 15 N71-19214
Extensometer Patent
[NASA-CASE-XMF-04680] c 15 N71-19489
Mechanical simulator of low gravity conditions Patent
[NASA-CASE-MFS-10555] c 11 N71-19494
Weld control system using thermocouple wire Patent
[NASA-CASE-MFS-06074] c 15 N71-20393
Evaporant source for vapor deposition Patent
[NASA-CASE-XMF-06065] c 15 N71-20395
Satellite despin device Patent
[NASA-CASE-XMF-08523] c 31 N71-20396
Method of coating circuit paths on printed circuit boards with solder Patent
[NASA-CASE-XMF-01599] c 09 N71-20705
Elastomeric silazane polymers and process for preparing the same Patent
[NASA-CASE-XMF-04133] c 06 N71-20717
Method of producing alternating ether siloxane copolymers Patent
[NASA-CASE-XMF-02584] c 06 N71-20905
Honeycomb panel and method of making same Patent
[NASA-CASE-XMF-01402] c 18 N71-21651
Portable milling tool Patent
[NASA-CASE-XMF-03511] c 15 N71-22799
Energy absorbing device Patent
[NASA-CASE-XMF-10040] c 15 N71-22877
Continuous detonation reaction engine Patent
[NASA-CASE-XMF-06926] c 28 N71-22983
Adaptive tracking notch filter system Patent
[NASA-CASE-XMF-01892] c 10 N71-22986
Meteorological balloon Patent
[NASA-CASE-XMF-04163] c 02 N71-23007
Continuous turning slip ring assembly Patent
[NASA-CASE-XMF-01049] c 15 N71-23049
Automatic welding speed controller Patent
[NASA-CASE-XMF-01730] c 15 N71-23050
Positive dc to positive dc converter Patent
[NASA-CASE-XMF-14301] c 09 N71-23188
Zero gravity apparatus Patent
[NASA-CASE-XMF-06515] c 14 N71-23227
Positive dc to negative dc converter Patent
[NASA-CASE-XMF-08217] c 03 N71-23239
Evacuation port seal Patent
[NASA-CASE-XMF-03290] c 15 N71-23256
Azimuth laying system Patent
[NASA-CASE-XMF-01669] c 21 N71-23289
Electron beam instrument for measuring electric fields Patent
[NASA-CASE-XMF-10289] c 14 N71-23699
Anemometer with braking mechanism Patent
[NASA-CASE-XMF-05224] c 14 N71-23726
Apparatus for testing a pressure responsive instrument Patent
[NASA-CASE-XMF-04134] c 14 N71-23755
Electric welding torch Patent
[NASA-CASE-XMF-02330] c 15 N71-23798
Swivel support for gas bearings Patent
[NASA-CASE-XMF-07808] c 15 N71-23812
Welding skate with computerized control Patent
[NASA-CASE-XMF-07069] c 15 N71-23815
Docking structure for spacecraft Patent
[NASA-CASE-XMF-05941] c 31 N71-23912
High pressure helium purifier Patent
[NASA-CASE-XMF-06888] c 15 N71-24044
Horizontal cryostat for fatigue testing Patent
[NASA-CASE-XMF-10968] c 14 N71-24234
Method for leakage testing of tanks Patent
[NASA-CASE-XMF-02392] c 32 N71-24285
Internal flare angle gauge Patent
[NASA-CASE-XMF-04415] c 14 N71-24693
Pulse rise time and amplitude detector Patent
[NASA-CASE-XMF-08804] c 09 N71-24717
System for maintaining a motor at a predetermined speed utilizing digital feedback means Patent
[NASA-CASE-XMF-06892] c 09 N71-24805
Power system with heat pipe liquid coolant lines Patent
[NASA-CASE-MFS-14114-2] c 09 N71-24807
Magnetomotive metal working device Patent
[NASA-CASE-XMF-03793] c 15 N71-24833
Apparatus for determining the deflection of an electron beam impinging on a target Patent
[NASA-CASE-XMF-06617] c 09 N71-24843
Transistor servo system including a unique differential amplifier circuit Patent
[NASA-CASE-XMF-05195] c 10 N71-24861
RC rate generator for slow speed measurement Patent
[NASA-CASE-XMF-02966] c 10 N71-24863
Method and apparatus for precision sizing and joining of large diameter tubes Patent
[NASA-CASE-XMF-05114-3] c 15 N71-24865
Duct coupling for single-handed operation Patent
[NASA-CASE-MFS-20395] c 15 N71-24903
Brushless direct current tachometer Patent
[NASA-CASE-MFS-20385] c 09 N71-24904
Self-lubricating gears and other mechanical parts Patent
[NASA-CASE-MFS-14971] c 15 N71-24984
Pulse width inverter Patent
[NASA-CASE-MFS-10068] c 10 N71-25139
Isothermal cover with thermal reservoirs Patent
[NASA-CASE-MFS-20355] c 33 N71-25353
Storage container for electronic devices Patent
[NASA-CASE-MFS-20075] c 09 N71-26133
Method and apparatus for precision sizing and joining of large diameter tubes Patent
[NASA-CASE-XMF-05114-2] c 15 N71-26148
Filter system for control of outgas contamination in vacuum Patent
[NASA-CASE-MFS-14711] c 15 N71-26185
Image magnification adapter for cameras Patent
[NASA-CASE-XMF-03844-1] c 14 N71-26474
Thickness measuring and injection device Patent
[NASA-CASE-MFS-20261] c 14 N71-27005
Personal propulsion unit Patent
[NASA-CASE-MFS-20130] c 28 N71-27585
Power system with heat pipe liquid coolant lines Patent
[NASA-CASE-MFS-14114] c 33 N71-27862
Method of making shielded flat cable Patent
[NASA-CASE-MFS-13687] c 09 N71-28691
A dc motor speed control system Patent
[NASA-CASE-MFS-14610] c 09 N71-28886
Cryogenic thermal insulation Patent
[NASA-CASE-XMF-05046] c 33 N71-28892
Method of coating through-holes Patent
[NASA-CASE-XMF-05999] c 15 N71-29032
Response analyzers for sensors Patent
[NASA-CASE-MFS-11204] c 14 N71-29134
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[NASA-CASE-MFS-20935] c 09 N71-34212
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[NASA-CASE-MFS-20485] c 14 N72-11365
Fine adjustment mount
[NASA-CASE-MFS-20249] c 15 N72-11386
Method of making foamed materials in zero gravity
[NASA-CASE-XMF-09902] c 15 N72-11387
Air bearing assembly for curved surfaces
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Apparatus for obtaining isotropic irradiation of a specimen
[NASA-CASE-MFS-20095] c 24 N72-11595
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[NASA-CASE-MFS-20509] c 11 N72-17183
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[NASA-CASE-MFS-20596] c 14 N72-17324
Method of manufacturing semiconductor devices using refractory dielectrics
[NASA-CASE-XER-08476-1] c 26 N72-17820
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[NASA-CASE-MFS-20332] c 05 N72-20097
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[NASA-CASE-MFS-20922] c 31 N72-20840
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[NASA-CASE-ERC-10108] c 06 N72-21094
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[NASA-CASE-MFS-20979] c 06 N72-25151
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[NASA-CASE-MFS-21042] c 07 N72-25171
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[NASA-CASE-ERC-10224] c 09 N72-25261
Device for measuring bearing preload
[NASA-CASE-MFS-20434] c 11 N72-25288
Altitude simulation chamber for rocket engine testing
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[NASA-CASE-MFS-20698-2] c 15 N73-19457
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[NASA-CASE-MFS-20418] c 14 N73-24473
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[NASA-CASE-ERC-10224-2] c 09 N73-27150
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[NASA-CASE-MFS-21046-1] c 14 N73-27377
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[NASA-CASE-MFS-20855] c 15 N73-27405
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[NASA-CASE-MFS-21109-1] c 05 N73-27941
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[NASA-CASE-MFS-20823-1] c 16 N73-30476
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[NASA-CASE-ERC-10339-1] c 18 N73-30532
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[NASA-CASE-MFS-20979-2] c 06 N73-32030
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[NASA-CASE-MFS-21136-1] c 35 N74-18323
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[NASA-CASE-MFS-22040-1] c 35 N74-26946
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[NASA-CASE-MFS-21395-1] c 25 N74-26948
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Three mirror glancing incidence system for X-ray telescope
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[NASA-CASE-MFS-21577-1] c 19 N74-29410
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[NASA-CASE-MFS-20994-1] c 35 N75-12271
Strain gauge ambiguity sensor for segmented mirror active optical system
[NASA-CASE-MFS-20506-1] c 35 N75-12273
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[NASA-CASE-MFS-21611-1] c 54 N75-12616
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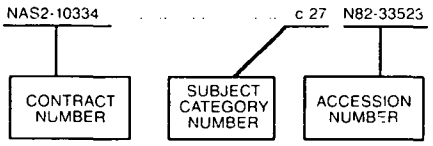

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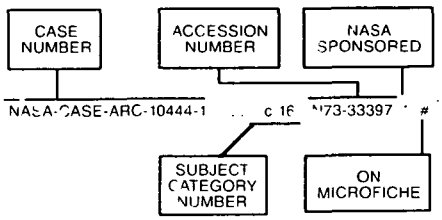

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US-PATENT-APPL-SN-053569 ..... c 35 N81-19426 *
US-PATENT-APPL-SN-053571 ..... c 31 N81-19343 *
US-PATENT-APPL-SN-053572 ..... c 32 N82-23376 *
US-PATENT-APPL-SN-053652 ..... c 33 N82-18494 *
US-PATENT-APPL-SN-054501 ..... c 23 N82-16174 *
US-PATENT-APPL-SN-054980 ..... c 35 N88-29149 *
US-PATENT-APPL-SN-054982 ..... c 23 N90-23475 *
US-PATENT-APPL-SN-054983 ..... c 37 N87-25585 * #
US-PATENT-APPL-SN-054985 ..... c 23 N90-20133 *
US-PATENT-APPL-SN-055809 ..... c 33 N92-16197 *
US-PATENT-APPL-SN-056930 ..... c 37 N88-23979 *
US-PATENT-APPL-SN-057465 ..... c 37 N81-17433 *
US-PATENT-APPL-SN-057466 ..... c 71 N81-15767 *
US-PATENT-APPL-SN-057526 ..... c 52 N81-25662 *
US-PATENT-APPL-SN-060182 ..... c 27 N89-12741 *
US-PATENT-APPL-SN-060196 ..... c 32 N89-11961 *
US-PATENT-APPL-SN-060200 ..... c 09 N88-28939 *
US-PATENT-APPL-SN-060201 ..... c 62 N87-25803 * #
US-PATENT-APPL-SN-060435 ..... c 44 N81-24520 *
US-PATENT-APPL-SN-060449 ..... c 07 N82-32366 *
US-PATENT-APPL-SN-061327 ..... c 32 N83-13323 *
US-PATENT-APPL-SN-061555 ..... c 44 N81-29524 *
US-PATENT-APPL-SN-061556 ..... c 35 N81-19427 *
US-PATENT-APPL-SN-061822 ..... c 74 N83-19597 *
US-PATENT-APPL-SN-065676 ..... c 35 N80-18364 * #
US-PATENT-APPL-SN-065676 ..... c 44 N81-12542 *
US-PATENT-APPL-SN-066450 ..... c 29 N87-25489 * #
US-PATENT-APPL-SN-067595 ..... c 08 N82-24205 *
US-PATENT-APPL-SN-067596 ..... c 51 N81-28698 *
US-PATENT-APPL-SN-067844 ..... c 34 N89-14392 *
US-PATENT-APPL-SN-067846 ..... c 31 N90-21216 *
US-PATENT-APPL-SN-069485 ..... c 33 N82-24420 *
US-PATENT-APPL-SN-070366 ..... c 35 N82-11431 *
US-PATENT-APPL-SN-070771 ..... c 27 N81-17260 *
US-PATENT-APPL-SN-070774 ..... c 33 N82-26571 *
US-PATENT-APPL-SN-071686 ..... c 27 N90-16950 *
US-PATENT-APPL-SN-072857 ..... c 24 N82-32417 *
US-PATENT-APPL-SN-073477 ..... c 36 N82-32712 *
US-PATENT-APPL-SN-073539 ..... c 18 N87-29586 * #
US-PATENT-APPL-SN-073541 ..... c 33 N90-19492 *
US-PATENT-APPL-SN-073579 ..... c 33 N82-24415 *
US-PATENT-APPL-SN-074792 ..... c 35 N88-30108 *
US-PATENT-APPL-SN-076643 ..... c 32 N81-29308 *
US-PATENT-APPL-SN-076955 ..... c 16 N90-22584 *
US-PATENT-APPL-SN-076956 ..... c 35 N88-29151 *
US-PATENT-APPL-SN-078521 ..... c 32 N81-14186 *
US-PATENT-APPL-SN-078611 ..... c 04 N81-21047 *
US-PATENT-APPL-SN-078612 ..... c 46 N82-12685 *
US-PATENT-APPL-SN-079316 ..... c 26 N87-29650 * #
US-PATENT-APPL-SN-079317 ..... c 37 N88-30131 *
US-PATENT-APPL-SN-079320 ..... c 27 N87-29672 * #
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US-PATENT-APPL-SN-082766 ..... c 09 N90-20096 *
US-PATENT-APPL-SN-082766 ..... c 04 N91-31120 *
US-PATENT-APPL-SN-084062 ..... c 35 N90-20351 *
US-PATENT-APPL-SN-084064 ..... c 27 N92-29157 *
US-PATENT-APPL-SN-084770 ..... c 32 N88-29076 *
US-PATENT-APPL-SN-085833 ..... c 62 N91-14772 *
US-PATENT-APPL-SN-087281 ..... c 52 N90-20616 *
US-PATENT-APPL-SN-087282 ..... c 31 N89-12785 *
US-PATENT-APPL-SN-087283 ..... c 71 N89-13236 *
US-PATENT-APPL-SN-087358 ..... c 51 N91-14703 *
US-PATENT-APPL-SN-087359 ..... c 35 N89-14422 *
US-PATENT-APPL-SN-087375 ..... c 27 N90-23545 *
US-PATENT-APPL-SN-087375 ..... c 23 N91-14419 *
US-PATENT-APPL-SN-087376 ..... c 27 N91-14489 *
US-PATENT-APPL-SN-088663 ..... c 28 N82-18401 *
US-PATENT-APPL-SN-089779 ..... c 26 N81-25188 *
US-PATENT-APPL-SN-090584 ..... c 74 N81-19896 *
US-PATENT-APPL-SN-090874 ..... c 25 N90-20180 *
US-PATENT-APPL-SN-0914 ..... c 28 N70-38711 *
US-PATENT-APPL-SN-092141 ..... c 27 N81-29229 *
US-PATENT-APPL-SN-092142 ..... c 27 N82-11206 *
US-PATENT-APPL-SN-092143 ..... c 32 N82-18443 *
US-PATENT-APPL-SN-092145 ..... c 37 N82-12442 *
US-PATENT-APPL-SN-093417 ..... c 37 N90-17154 *
US-PATENT-APPL-SN-093714 ..... c 44 N81-29525 *
US-PATENT-APPL-SN-095217 ..... c 74 N81-19898 *
US-PATENT-APPL-SN-096255 ..... c 37 N80-18400 * #
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US-PATENT-APPL-SN-096257 ..... c 37 N82-24490 *
US-PATENT-APPL-SN-098568 ..... c 33 N82-11357 *
US-PATENT-APPL-SN-098569 ..... c 44 N82-16474 *
US-PATENT-APPL-SN-098570 ..... c 44 N82-18686 *
US-PATENT-APPL-SN-100611 ..... c 37 N82-32732 *
US-PATENT-APPL-SN-100637 ..... c 37 N75-18574 *
US-PATENT-APPL-SN-100639 ..... c 14 N72-32452 *
US-PATENT-APPL-SN-100774 ..... c 06 N72-25151 *
US-PATENT-APPL-SN-100774 ..... c 06 N73-32030 *
US-PATENT-APPL-SN-100996 ..... c 08 N73-13187 *
US-PATENT-APPL-SN-101029 ..... c 31 N70-38676 *
US-PATENT-APPL-SN-101214 ..... c 14 N73-26430 *
US-PATENT-APPL-SN-101354 ..... c 10 N73-16205 *
US-PATENT-APPL-SN-10161 ..... c 33 N72-20915 *
US-PATENT-APPL-SN-102001 ..... c 36 N82-16396 *
US-PATENT-APPL-SN-102002 ..... c 18 N81-29152 *
US-PATENT-APPL-SN-102003 ..... c 26 N82-29415 *
US-PATENT-APPL-SN-102003 ..... c 26 N82-30371 *
US-PATENT-APPL-SN-102004 ..... c 37 N81-26447 *
US-PATENT-APPL-SN-102412 ..... c 25 N72-33696 *
US-PATENT-APPL-SN-102593 ..... c 37 N82-16408 *
US-PATENT-APPL-SN-102705 ..... c 35 N88-29150 *
US-PATENT-APPL-SN-102934 ..... c 76 N92-21499 *
US-PATENT-APPL-SN-103077 ..... c 25 N72-32688 *
US-PATENT-APPL-SN-103078 ..... c 15 N73-12486 *
US-PATENT-APPL-SN-103091 ..... c 37 N74-23070 *
US-PATENT-APPL-SN-103229 ..... c 14 N72-22439 *
US-PATENT-APPL-SN-103230 ..... c 15 N73-14468 *
US-PATENT-APPL-SN-10329 ..... c 09 N72-25251 *
US-PATENT-APPL-SN-103551 ..... c 31 N73-14854 *
US-PATENT-APPL-SN-103836 ..... c 37 N81-24443 *
US-PATENT-APPL-SN-104047 ..... c 15 N72-31483 *
US-PATENT-APPL-SN-104048 ..... c 31 N73-14855 *
US-PATENT-APPL-SN-104187 ..... c 14 N70-36618 *
US-PATENT-APPL-SN-104188 ..... c 09 N70-34819 *
US-PATENT-APPL-SN-104346 ..... c 14 N73-28488 *
US-PATENT-APPL-SN-104884 ..... c 15 N72-33476 *
US-PATENT-APPL-SN-104885 ..... c 14 N73-24472 *
US-PATENT-APPL-SN-105518 ..... c 23 N71-15978 *
US-PATENT-APPL-SN-105841 ..... c 18 N89-28553 *
US-PATENT-APPL-SN-105846 ..... c 24 N91-25200 *
US-PATENT-APPL-SN-105847 ..... c 31 N89-14351 *
US-PATENT-APPL-SN-106106 ..... c 91 N74-13130 *
US-PATENT-APPL-SN-106118 ..... c 32 N80-16261 * #
US-PATENT-APPL-SN-106119 ..... c 35 N82-15381 *
US-PATENT-APPL-SN-106135 ..... c 28 N70-34294 *
US-PATENT-APPL-SN-106136 ..... c 33 N82-26572 *
US-PATENT-APPL-SN-106188 ..... c 27 N80-16163 * #
US-PATENT-APPL-SN-106192 ..... c 34 N83-28356 *
US-PATENT-APPL-SN-106424 ..... c 17 N73-24569 *
US-PATENT-APPL-SN-106465 ..... c 30 N73-12884 *
US-PATENT-APPL-SN-107298 ..... c 32 N73-13921 *
US-PATENT-APPL-SN-107376 ..... c 15 N73-25513 *
US-PATENT-APPL-SN-107379 ..... c 10 N72-33230 *
US-PATENT-APPL-SN-107380 ..... c 28 N73-13773 *
US-PATENT-APPL-SN-107659 ..... c 23 N73-20741 *
US-PATENT-APPL-SN-107866 ..... c 17 N70-36616 *
US-PATENT-APPL-SN-107870 ..... c 15 N70-36411 *
US-PATENT-APPL-SN-108107 ..... c 37 N82-18601 *
US-PATENT-APPL-SN-10812 ..... c 28 N70-40367 *
US-PATENT-APPL-SN-10827 ..... c 14 N72-28436 *
US-PATENT-APPL-SN-108331 ..... c 26 N89-14303 *
US-PATENT-APPL-SN-108810 ..... c 33 N77-22386 *
US-PATENT-APPL-SN-108824 ..... c 31 N73-13898 *
US-PATENT-APPL-SN-109789 ..... c 09 N70-34596 *
US-PATENT-APPL-SN-110388 ..... c 18 N90-16860 *
US-PATENT-APPL-SN-110402 ..... c 09 N72-27226 *
US-PATENT-APPL-SN-110591 ..... c 15 N70-39896 *
US-PATENT-APPL-SN-111436 ..... c 33 N82-26569 *
US-PATENT-APPL-SN-111438 ..... c 35 N81-29407 *
US-PATENT-APPL-SN-111439 ..... c 74 N81-24900 *
US-PATENT-APPL-SN-111998 ..... c 21 N73-30640 *
US-PATENT-APPL-SN-11220 ..... c 14 N73-30389 *
US-PATENT-APPL-SN-112366 ..... c 06 N72-10138 * #
US-PATENT-APPL-SN-112988 ..... c 07 N72-32169 *
US-PATENT-APPL-SN-112998 ..... c 14 N73-12445 *
US-PATENT-APPL-SN-112999 ..... c 23 N72-25619 *
US-PATENT-APPL-SN-112999 ..... c 32 N79-19186 *
US-PATENT-APPL-SN-113014 ..... c 27 N81-24257 *
US-PATENT-APPL-SN-113015 ..... c 37 N82-24491 *
US-PATENT-APPL-SN-113954 ..... c 33 N90-23636 *
US-PATENT-APPL-SN-113956 ..... c 60 N90-21527 *
US-PATENT-APPL-SN-114772 ..... c 04 N76-26175 *
US-PATENT-APPL-SN-114846 ..... c 14 N73-12444 *
US-PATENT-APPL-SN-114847 ..... c 15 N72-28496 *
US-PATENT-APPL-SN-114848 ..... c 11 N72-23215 *
US-PATENT-APPL-SN-114849 ..... c 09 N72-27227 *
US-PATENT-APPL-SN-114873 ..... c 09 N73-28083 *
US-PATENT-APPL-SN-115082 ..... c 18 N73-13562 *
US-PATENT-APPL-SN-115083 ..... c 07 N73-25160 *
US-PATENT-APPL-SN-115134 ..... c 06 N73-13128 *
US-PATENT-APPL-SN-115536 ..... c 33 N82-24417 *
US-PATENT-APPL-SN-115944 ..... c 03 N71-34044 * #
US-PATENT-APPL-SN-116777 ..... c 09 N73-19235 *
US-PATENT-APPL-SN-116778 ..... c 09 N72-33205 *
US-PATENT-APPL-SN-116786 ..... c 07 N72-25172 *
US-PATENT-APPL-SN-116790 ..... c 14 N73-30388 *
US-PATENT-APPL-SN-116810 ..... c 33 N88-26596 *
US-PATENT-APPL-SN-116811 ..... c 35 N90-21358 *
US-PATENT-APPL-SN-117575 ..... c 08 N73-12177 *
US-PATENT-APPL-SN-118169 ..... c 14 N70-35220 *
US-PATENT-APPL-SN-118200 ..... c 15 N70-34247 *
US-PATENT-APPL-SN-118202 ..... c 28 N70-38710 *
US-PATENT-APPL-SN-118203 ..... c 14 N70-38602 *
US-PATENT-APPL-SN-118269 ..... c 33 N73-26958 *
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US-PATENT-APPL-SN-11853 ..... c 15 N71-28951 *
US-PATENT-APPL-SN-118992 ..... c 37 N88-29181 *
US-PATENT-APPL-SN-118993 ..... c 52 N90-21519 *
US-PATENT-APPL-SN-118993 ..... c 52 N92-11621 *
US-PATENT-APPL-SN-118995 ..... c 32 N89-25363 *
US-PATENT-APPL-SN-119282 ..... c 03 N72-23048 *
US-PATENT-APPL-SN-119334 ..... c 31 N88-29052 *
US-PATENT-APPL-SN-119335 ..... c 37 N82-24494 *
US-PATENT-APPL-SN-119336 ..... c 33 N82-24421 *
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US-PATENT-APPL-SN-119340 ..... c 35 N82-11432 *
US-PATENT-APPL-SN-120241 ..... c 15 N73-24513 *
US-PATENT-APPL-SN-120795 ..... c 07 N70-40202 *
US-PATENT-APPL-SN-120797 ..... c 14 N70-36824 *
US-PATENT-APPL-SN-120803 ..... c 08 N70-34743 *
US-PATENT-APPL-SN-121328 ..... c 23 N72-11568 * #
US-PATENT-APPL-SN-122740 ..... c 35 N88-23959 * #
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US-PATENT-APPL-SN-122967 ..... c 24 N81-26179 *
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US-PATENT-APPL-SN-123597 ..... c 21 N70-34297 *
US-PATENT-APPL-SN-124909 ..... c 14 N73-16483 *
US-PATENT-APPL-SN-125021 ..... c 74 N89-14077 *
US-PATENT-APPL-SN-125234 ..... c 07 N73-16121 *
US-PATENT-APPL-SN-125235 ..... c 51 N77-25769 *
US-PATENT-APPL-SN-125236 ..... c 14 N73-26431 *
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US-PATENT-APPL-SN-125676 ..... c 35 N90-17118 *
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US-PATENT-APPL-SN-125678 ..... c 38 N90-23756 *
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US-PATENT-APPL-SN-126063 ..... c 44 N83-10501 *
US-PATENT-APPL-SN-126064 ..... c 33 N82-18493 *
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US-PATENT-APPL-SN-127481 ..... c 24 N75-28135 *
US-PATENT-APPL-SN-127618 ..... c 02 N73-13008 *
US-PATENT-APPL-SN-127647 ..... c 15 N73-27405 *
US-PATENT-APPL-SN-127915 ..... c 02 N73-26004 *
US-PATENT-APPL-SN-127984 ..... c 33 N75-27250 *
US-PATENT-APPL-SN-128229 ..... c 35 N82-24471 *
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US-PATENT-APPL-SN-128419 ..... c 14 N73-20477 *
US-PATENT-APPL-SN-129071 ..... c 09 N72-25254 *
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US-PATENT-APPL-SN-129073 ..... c 15 N73-13464 *
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US-PATENT-APPL-SN-129778 ..... c 60 N82-24839 *
US-PATENT-APPL-SN-129779 ..... c 60 N82-16747 *
US-PATENT-APPL-SN-129780 ..... c 44 N82-24639 *
US-PATENT-APPL-SN-129783 ..... c 04 N82-23231 *
US-PATENT-APPL-SN-129793 ..... c 33 N82-16340 *
US-PATENT-APPL-SN-129798 ..... c 27 N81-27271 *
US-PATENT-APPL-SN-129799 ..... c 27 N82-18389 *
US-PATENT-APPL-SN-130058 ..... c 33 N90-22724 *
US-PATENT-APPL-SN-130353 ..... c 31 N73-14853 *
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US-PATENT-APPL-SN-132364 ..... c 07 N83-36029 *
US-PATENT-APPL-SN-13266 ..... c 05 N72-23085 *
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US-PATENT-APPL-SN-134567 ..... c 14 N73-16484 *
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US-PATENT-APPL-SN-134571 ..... c 21 N73-13644 *
US-PATENT-APPL-SN-134573 ..... c 09 N72-25257 *
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US-PATENT-APPL-SN-134855 ..... c 44 N81-24521 *
US-PATENT-APPL-SN-135038 ..... c 33 N83-31954 *
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US-PATENT-APPL-SN-135057 ..... c 08 N82-32373 *
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US-PATENT-APPL-SN-187106 ..... c 74 N83-17305 *
US-PATENT-APPL-SN-187143 ..... c 36 N74-13205 *
US-PATENT-APPL-SN-187262 ..... c 15 N73-27406 *
US-PATENT-APPL-SN-187365 ..... c 35 N74-15127 *
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US-PATENT-APPL-SN-189648 ..... c 32 N70-36536 *
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US-PATENT-APPL-SN-193612 ..... c 37 N91-17388 *
US-PATENT-APPL-SN-193671 ..... c 15 N73-12488 *
US-PATENT-APPL-SN-193672 ..... c 54 N74-14845 *
US-PATENT-APPL-SN-193814 ..... c 14 N73-30393 *
US-PATENT-APPL-SN-193947 ..... c 14 N73-13420 *
US-PATENT-APPL-SN-193980 ..... c 31 N74-13177 *
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US-PATENT-APPL-SN-195222 ..... c 31 N91-15423 *
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US-PATENT-APPL-SN-196877 ..... c 35 N84-17555 *
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US-PATENT-APPL-SN-196931 ..... c 35 N74-17885 *
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US-PATENT-APPL-SN-197183 ..... c 02 N76-22154 *
US-PATENT-APPL-SN-197191 ..... c 32 N89-28672 *
US-PATENT-APPL-SN-197548 ..... c 09 N70-34502 *
US-PATENT-APPL-SN-197551 ..... c 31 N70-34296 *
US-PATENT-APPL-SN-197553 ..... c 08 N70-34778 *
US-PATENT-APPL-SN-197554 ..... c 14 N70-35368 *
US-PATENT-APPL-SN-197689 ..... c 31 N74-14133 *
US-PATENT-APPL-SN-197689 ..... c 31 N75-13111 *
US-PATENT-APPL-SN-197870 ..... c 14 N73-32322 *
US-PATENT-APPL-SN-198093 ..... c 39 N83-20280 *
US-PATENT-APPL-SN-198285 ..... c 09 N73-13208 *
US-PATENT-APPL-SN-198289 ..... c 14 N73-32326 *
US-PATENT-APPL-SN-198355 ..... c 05 N72-15098 * #
US-PATENT-APPL-SN-198362 ..... c 14 N73-28489 *
US-PATENT-APPL-SN-198379 ..... c 15 N73-32359 *
US-PATENT-APPL-SN-198472 ..... c 27 N74-12812 *
US-PATENT-APPL-SN-198763 ..... c 31 N74-18124 *
US-PATENT-APPL-SN-198763 ..... c 31 N74-32920 *
US-PATENT-APPL-SN-198885 ..... c 05 N73-27062 *
US-PATENT-APPL-SN-199199 ..... c 25 N71-29184 *
US-PATENT-APPL-SN-199202 ..... c 14 N70-40239 *
US-PATENT-APPL-SN-19971 ..... c 09 N70-33312 *
US-PATENT-APPL-SN-199765 ..... c 33 N81-12330 * #
US-PATENT-APPL-SN-199766 ..... c 36 N84-28065 *
US-PATENT-APPL-SN-199767 ..... c 33 N83-16626 *
US-PATENT-APPL-SN-199768 ..... c 27 N84-22746 *
US-PATENT-APPL-SN-199768 ..... c 27 N85-20123 *
US-PATENT-APPL-SN-199769 ..... c 26 N82-31505 *
US-PATENT-APPL-SN-199957 ..... c 10 N73-26229 *
US-PATENT-APPL-SN-200040 ..... c 52 N74-10975 *
US-PATENT-APPL-SN-200085 ..... c 26 N73-26751 *
US-PATENT-APPL-SN-200634 ..... c 34 N83-27144 *
US-PATENT-APPL-SN-200682 ..... c 07 N73-14130 *
US-PATENT-APPL-SN-200717 ..... c 09 N73-19234 *
US-PATENT-APPL-SN-200762 ..... c 03 N73-20040 *
US-PATENT-APPL-SN-200770 ..... c 09 N79-21084 *
US-PATENT-APPL-SN-200874 ..... c 17 N88-28946 * #
US-PATENT-APPL-SN-201700 ..... c 33 N74-17930 *
US-PATENT-APPL-SN-201782 ..... c 15 N73-19458 *
US-PATENT-APPL-SN-201904 ..... c 15 N73-30458 *
US-PATENT-APPL-SN-201904 ..... c 37 N74-15128 *
US-PATENT-APPL-SN-201904 ..... c 37 N74-21064 *
US-PATENT-APPL-SN-202024 ..... c 14 N70-34156 *
US-PATENT-APPL-SN-202029 ..... c 11 N70-34786 *
US-PATENT-APPL-SN-202030 ..... c 31 N71-10747 *
US-PATENT-APPL-SN-202228 ..... c 34 N82-11399 * #
US-PATENT-APPL-SN-202228 ..... c 34 N85-29179 *
US-PATENT-APPL-SN-202750 ..... c 19 N74-21015 *
US-PATENT-APPL-SN-202769 ..... c 05 N73-27941 *
US-PATENT-APPL-SN-203177 ..... c 39 N88-25011 * #
US-PATENT-APPL-SN-203178 ..... c 34 N90-19534 *
US-PATENT-APPL-SN-203178 ..... c 34 N91-31596 *
US-PATENT-APPL-SN-203271 ..... c 51 N74-15778 *
US-PATENT-APPL-SN-203374 ..... c 32 N91-25316 *
US-PATENT-APPL-SN-203405 ..... c 02 N73-26006 *
US-PATENT-APPL-SN-203409 ..... c 28 N70-38197 *
US-PATENT-APPL-SN-203411 ..... c 33 N70-34812 *
US-PATENT-APPL-SN-20370 ..... c 33 N79-33393 *
US-PATENT-APPL-SN-204015 ..... c 09 N70-38201 *
US-PATENT-APPL-SN-205047 ..... c 15 N73-32360 *
US-PATENT-APPL-SN-205470 ..... c 08 N71-18752 *
US-PATENT-APPL-SN-205675 ..... c 14 N73-30386 *
US-PATENT-APPL-SN-205771 ..... c 31 N89-29578 *
US-PATENT-APPL-SN-205898 ..... c 09 N90-23415 *
US-PATENT-APPL-SN-205899 ..... c 35 N90-22769 *
US-PATENT-APPL-SN-205900 ..... c 35 N90-22770 *
US-PATENT-APPL-SN-206266 ..... c 76 N74-20329 *
US-PATENT-APPL-SN-206266 ..... c 76 N75-25730 *
US-PATENT-APPL-SN-206279 ..... c 02 N73-26005 *
US-PATENT-APPL-SN-206279 ..... c 05 N76-29217 *
US-PATENT-APPL-SN-206506 ..... c 33 N82-24422 *
US-PATENT-APPL-SN-206698 ..... c 15 N73-30459 *
US-PATENT-APPL-SN-207135 ..... c 35 N83-27184 *
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US-PATENT-APPL-SN-209478 ..... c 07 N70-38200 *
US-PATENT-APPL-SN-209479 ..... c 15 N70-34850 *
US-PATENT-APPL-SN-209535 ..... c 28 N73-24783 *
US-PATENT-APPL-SN-20960 ..... c 15 N72-17453 *
US-PATENT-APPL-SN-209618 ..... c 33 N75-19520 *
US-PATENT-APPL-SN-209618 ..... c 33 N75-25041 *
US-PATENT-APPL-SN-209801 ..... c 08 N70-40125 *
US-PATENT-APPL-SN-210277 ..... c 39 N88-30160 * #
US-PATENT-APPL-SN-210405 ..... c 74 N84-11921 *
US-PATENT-APPL-SN-210480 ..... c 05 N90-20078 *
US-PATENT-APPL-SN-210486 ..... c 26 N90-21170 *
US-PATENT-APPL-SN-210486 ..... c 39 N92-28757 *
US-PATENT-APPL-SN-210486 ..... c 39 N92-29101 *
US-PATENT-APPL-SN-210486 ..... c 39 N92-29155 *
US-PATENT-APPL-SN-210487 ..... c 35 N90-17117 *
US-PATENT-APPL-SN-210498 ..... c 35 N84-12444 *
US-PATENT-APPL-SN-210506 ..... c 39 N83-32081 *
US-PATENT-APPL-SN-210632 ..... c 26 N83-10170 *
US-PATENT-APPL-SN-211332 ..... c 02 N74-10034 *
US-PATENT-APPL-SN-211411 ..... c 11 N73-20267 *
US-PATENT-APPL-SN-211464 ..... c 28 N70-36910 *
US-PATENT-APPL-SN-212028 ..... c 09 N73-14214 *
US-PATENT-APPL-SN-212165 ..... c 14 N73-25460 *
US-PATENT-APPL-SN-212173 ..... c 02 N71-13421 *
US-PATENT-APPL-SN-212174 ..... c 15 N70-34859 *
US-PATENT-APPL-SN-212496 ..... c 03 N70-36803 *
US-PATENT-APPL-SN-212497 ..... c 11 N71-28779 *
US-PATENT-APPL-SN-21263 ..... c 01 N71-12217 * #
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US-PATENT-APPL-SN-212921 ..... c 07 N73-20176 *
US-PATENT-APPL-SN-212949 ..... c 35 N83-35338 *
US-PATENT-APPL-SN-212977 ..... c 15 N73-30460 *
US-PATENT-APPL-SN-213004 ..... c 14 N73-19421 *
US-PATENT-APPL-SN-213392 ..... c 27 N90-23566 *
US-PATENT-APPL-SN-213558 ..... c 51 N91-30667 *
US-PATENT-APPL-SN-213558 ..... c 51 N92-34229 *
US-PATENT-APPL-SN-213558 ..... c 51 N92-34231 *
US-PATENT-APPL-SN-213559 ..... c 51 N91-21700 *
US-PATENT-APPL-SN-213559 ..... c 51 N92-34229 *
US-PATENT-APPL-SN-213559 ..... c 51 N92-34231 *
US-PATENT-APPL-SN-213836 ..... c 15 N70-38601 *
US-PATENT-APPL-SN-213880 ..... c 54 N90-25498 *
US-PATENT-APPL-SN-213949 ..... c 07 N73-20175 *
US-PATENT-APPL-SN-214006 ..... c 37 N74-18126 *
US-PATENT-APPL-SN-214084 ..... c 37 N74-18123 *
US-PATENT-APPL-SN-214086 ..... c 14 N73-30395 *
US-PATENT-APPL-SN-214089 ..... c 35 N74-21018 *
US-PATENT-APPL-SN-214361 ..... c 37 N83-32067 *
US-PATENT-APPL-SN-21508 ..... c 08 N72-20176 *
US-PATENT-APPL-SN-21644 ..... c 05 N72-22092 *
US-PATENT-APPL-SN-216710 ..... c 12 N70-38997 *
US-PATENT-APPL-SN-216711 ..... c 03 N70-34157 *
US-PATENT-APPL-SN-216939 ..... c 14 N70-40400 *
US-PATENT-APPL-SN-217213 ..... c 37 N74-11301 *
US-PATENT-APPL-SN-21732 ..... c 15 N70-26819 * #
US-PATENT-APPL-SN-217336 ..... c 27 N82-29456 *
US-PATENT-APPL-SN-217533 ..... c 76 N88-29602 * #
US-PATENT-APPL-SN-217725 ..... c 35 N91-15511 *
US-PATENT-APPL-SN-218585 ..... c 27 N82-24340 *
US-PATENT-APPL-SN-218586 ..... c 36 N81-22344 * #
US-PATENT-APPL-SN-218587 ..... c 27 N82-28440 *
US-PATENT-APPL-SN-218588 ..... c 27 N82-33521 *
US-PATENT-APPL-SN-218792 ..... c 27 N91-31307 *
US-PATENT-APPL-SN-218965 ..... c 10 N73-32145 *
US-PATENT-APPL-SN-219016 ..... c 27 N92-10090 *
US-PATENT-APPL-SN-21906 ..... c 09 N72-17157 *
US-PATENT-APPL-SN-219295 ..... c 61 N91-14741 *
US-PATENT-APPL-SN-219435 ..... c 24 N74-27035 *
US-PATENT-APPL-SN-219436 ..... c 15 N72-21489 * #
US-PATENT-APPL-SN-219590 ..... c 06 N73-32030 *
US-PATENT-APPL-SN-219640 ..... c 74 N83-13978 *
US-PATENT-APPL-SN-219677 ..... c 44 N82-31764 *
US-PATENT-APPL-SN-219678 ..... c 44 N82-29709 *
US-PATENT-APPL-SN-219680 ..... c 27 N82-28442 *
US-PATENT-APPL-SN-219681 ..... c 24 N82-29362 *
US-PATENT-APPL-SN-219681 ..... c 54 N84-11758 *
US-PATENT-APPL-SN-219722 ..... c 03 N75-30132 *
US-PATENT-APPL-SN-219806 ..... c 07 N74-28226 *
US-PATENT-APPL-SN-219968 ..... c 33 N83-27126 *
US-PATENT-APPL-SN-220212 ..... c 33 N83-31952 *
US-PATENT-APPL-SN-220213 ..... c 37 N85-20337 *
US-PATENT-APPL-SN-220214 ..... c 44 N82-29710 *
US-PATENT-APPL-SN-220251 ..... c 37 N74-15125 *
US-PATENT-APPL-SN-220274 ..... c 31 N72-20840 * #
US-PATENT-APPL-SN-220274 ..... c 18 N74-22136 *
US-PATENT-APPL-SN-220785 ..... c 85 N74-34672 *
US-PATENT-APPL-SN-221093 ..... c 17 N73-32415 *
US-PATENT-APPL-SN-221276 ..... c 14 N70-41955 *
US-PATENT-APPL-SN-221386 ..... c 23 N90-21118 *
US-PATENT-APPL-SN-221386 ..... c 23 N91-14418 *
US-PATENT-APPL-SN-221388 ..... c 37 N90-20408 *
US-PATENT-APPL-SN-221472 ..... c 54 N89-13889 * #
US-PATENT-APPL-SN-221634 ..... c 05 N70-34857 *
US-PATENT-APPL-SN-221637 ..... c 26 N70-36805 *
US-PATENT-APPL-SN-221670 ..... c 35 N77-14408 *
US-PATENT-APPL-SN-221685 ..... c 35 N74-21062 *
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US-PATENT-APPL-SN-221833 ..... c 09 N73-27150 * #
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US-PATENT-APPL-SN-22265 ..... c 14 N72-21405 *
US-PATENT-APPL-SN-223003 ..... c 33 N70-36846 *
US-PATENT-APPL-SN-223122 ..... c 37 N91-14614 *
US-PATENT-APPL-SN-223124 ..... c 31 N90-19427 *
US-PATENT-APPL-SN-22320 ..... c 14 N72-11365 *
US-PATENT-APPL-SN-223560 ..... c 10 N73-32144 *
US-PATENT-APPL-SN-224231 ..... c 06 N83-10040 *
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US-PATENT-APPL-SN-224489 ..... c 31 N74-18089 *
US-PATENT-APPL-SN-225427 ..... c 37 N91-15544 *
US-PATENT-APPL-SN-225499 ..... c 37 N84-12491 *
US-PATENT-APPL-SN-225501 ..... c 44 N82-28780 *
US-PATENT-APPL-SN-226476 ..... c 10 N73-32143 *
US-PATENT-APPL-SN-226477 ..... c 74 N74-27866 *
US-PATENT-APPL-SN-226551 ..... c 06 N73-26100 *
US-PATENT-APPL-SN-227682 ..... c 14 N70-34161 *
US-PATENT-APPL-SN-227683 ..... c 02 N70-36804 *
US-PATENT-APPL-SN-227692 ..... c 14 N70-40003 *
US-PATENT-APPL-SN-227977 ..... c 25 N76-18245 *
US-PATENT-APPL-SN-228049 ..... c 37 N79-33467 *
US-PATENT-APPL-SN-228150 ..... c 05 N73-32013 *
US-PATENT-APPL-SN-228163 ..... c 44 N74-19693 *
US-PATENT-APPL-SN-228189 ..... c 35 N74-11283 *
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US-PATENT-APPL-SN-228507 ..... c 11 N70-38182 *
US-PATENT-APPL-SN-228569 ..... c 14 N71-16014 *
US-PATENT-APPL-SN-229128 ..... c 14 N73-28490 *
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US-PATENT-APPL-SN-229233 ..... c 27 N83-31855 *
US-PATENT-APPL-SN-229239 ..... c 31 N83-31897 *
US-PATENT-APPL-SN-229286 ..... c 33 N71-29052 *
US-PATENT-APPL-SN-229287 ..... c 35 N78-29421 *
US-PATENT-APPL-SN-229354 ..... c 62 N74-14920 *
US-PATENT-APPL-SN-229413 ..... c 14 N73-32323 *
US-PATENT-APPL-SN-229693 ..... c 37 N84-22958 *
US-PATENT-APPL-SN-229916 ..... c 46 N74-13011 *
US-PATENT-APPL-SN-230613 ..... c 05 N83-27975 *
US-PATENT-APPL-SN-231025 ..... c 33 N88-29095 * #
US-PATENT-APPL-SN-231026 ..... c 27 N91-15402 *
US-PATENT-APPL-SN-231027 ..... c 27 N90-21177 *
US-PATENT-APPL-SN-23132 ..... c 08 N72-22163 *
US-PATENT-APPL-SN-231520 ..... c 27 N71-29155 *
US-PATENT-APPL-SN-231543 ..... c 07 N83-20944 *
US-PATENT-APPL-SN-231604 ..... c 28 N70-39925 *
US-PATENT-APPL-SN-231662 ..... c 14 N73-30392 *
US-PATENT-APPL-SN-232021 ..... c 04 N74-13420 *
US-PATENT-APPL-SN-232318 ..... c 11 N71-15960 *
US-PATENT-APPL-SN-232734 ..... c 29 N90-20236 *
US-PATENT-APPL-SN-232735 ..... c 76 N90-24150 *
US-PATENT-APPL-SN-232914 ..... c 15 N70-36412 *

US-PATENT-APPL-SN-273240 ..... c 35 N74-16135 *
US-PATENT-APPL-SN-27340 ..... c 15 N72-20442 *
US-PATENT-APPL-SN-273519 ..... c 35 N75-25122 *
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US-PATENT-APPL-SN-274348 ..... c 60 N76-18800 *
US-PATENT-APPL-SN-274360 ..... c 32 N74-20809 *
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US-PATENT-APPL-SN-274706 ..... c 44 N83-21504 *
US-PATENT-APPL-SN-274708 ..... c 35 N84-22929 *
US-PATENT-APPL-SN-275118 ..... c 35 N74-18088 *
US-PATENT-APPL-SN-275909 ..... c 33 N85-21491 *
US-PATENT-APPL-SN-276076 ..... c 72 N84-16959 * #
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US-PATENT-APPL-SN-277904 ..... c 28 N74-27425 *
US-PATENT-APPL-SN-277961 ..... c 33 N70-36617 *
US-PATENT-APPL-SN-278137 ..... c 51 N91-21701 *
US-PATENT-APPL-SN-278790 ..... c 15 N70-34664 *
US-PATENT-APPL-SN-279170 ..... c 34 N92-16243 *
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US-PATENT-APPL-SN-279624 ..... c 24 N89-23623 * #
US-PATENT-APPL-SN-279625 ..... c 31 N90-23586 *
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US-PATENT-APPL-SN-280032 ..... c 35 N74-15093 *
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US-PATENT-APPL-SN-28175 ..... c 21 N70-33279 *
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US-PATENT-APPL-SN-281877 ..... c 35 N74-15146 *
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US-PATENT-APPL-SN-282817 ..... c 15 N70-40156 *
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US-PATENT-APPL-SN-292049 ..... c 23 N91-17141 *
US-PATENT-APPL-SN-292049 ..... c 23 N91-25185 *
US-PATENT-APPL-SN-292121 ..... c 18 N90-11798 * #
US-PATENT-APPL-SN-292123 ..... c 18 N90-20126 *
US-PATENT-APPL-SN-292124 ..... c 62 N91-25693 * #
US-PATENT-APPL-SN-292130 ..... c 32 N91-25317 *
US-PATENT-APPL-SN-292131 ..... c 18 N91-14374 *
US-PATENT-APPL-SN-292146 ..... c 37 N90-23751 *
US-PATENT-APPL-SN-292340 ..... c 52 N79-21750 *
US-PATENT-APPL-SN-292382 ..... c 27 N74-17283 *
US-PATENT-APPL-SN-292477 ..... c 15 N73-12495 * #
US-PATENT-APPL-SN-292596 ..... c 10 N71-29135 *
US-PATENT-APPL-SN-292681 ..... c 33 N74-10194 *
US-PATENT-APPL-SN-292682 ..... c 14 N73-32319 *
US-PATENT-APPL-SN-292685 ..... c 32 N74-20864 *
US-PATENT-APPL-SN-292686 ..... c 20 N74-31269 *
US-PATENT-APPL-SN-292698 ..... c 09 N73-32109 *
US-PATENT-APPL-SN-293412 ..... c 27 N83-34039 *
US-PATENT-APPL-SN-293414 ..... c 37 N84-16560 *
US-PATENT-APPL-SN-293417 ..... c 37 N82-26673 * #
US-PATENT-APPL-SN-293418 ..... c 26 N83-31795 *
US-PATENT-APPL-SN-293419 ..... c 33 N82-24427 * #
US-PATENT-APPL-SN-293725 ..... c 89 N74-30886 *
US-PATENT-APPL-SN-293726 ..... c 37 N74-21055 *
US-PATENT-APPL-SN-293727 ..... c 33 N74-14956 *
US-PATENT-APPL-SN-293739 ..... c 35 N74-28097 *
US-PATENT-APPL-SN-294727 ..... c 73 N77-18891 *
US-PATENT-APPL-SN-294738 ..... c 73 N78-28913 *
US-PATENT-APPL-SN-295855 ..... c 23 N71-17802 *
US-PATENT-APPL-SN-296137 ..... c 74 N84-28590 *
US-PATENT-APPL-SN-296622 ..... c 44 N76-31666 *
US-PATENT-APPL-SN-296879 ..... c 26 N71-18064 *
US-PATENT-APPL-SN-297127 ..... c 33 N74-27705 *
US-PATENT-APPL-SN-297128 ..... c 32 N74-26654 *
US-PATENT-APPL-SN-297436 ..... c 33 N79-11314 *
US-PATENT-APPL-SN-297486 ..... c 35 N83-24828 *
US-PATENT-APPL-SN-297488 ..... c 37 N84-16561 *
US-PATENT-APPL-SN-297524 ..... c 33 N84-14424 *
US-PATENT-APPL-SN-297524 ..... c 33 N84-22886 *
US-PATENT-APPL-SN-298149 ..... c 24 N92-16026 *
US-PATENT-APPL-SN-298150 ..... c 25 N90-23517 *
US-PATENT-APPL-SN-298150 ..... c 25 N91-21270 *
US-PATENT-APPL-SN-298156 ..... c 37 N75-13261 *
US-PATENT-APPL-SN-298156 ..... c 26 N75-19408 *
US-PATENT-APPL-SN-298157 ..... c 33 N74-21850 *
US-PATENT-APPL-SN-298799 ..... c 14 N71-15962 *
US-PATENT-APPL-SN-298800 ..... c 14 N70-34705 *
US-PATENT-APPL-SN-299042 ..... c 15 N71-15918 *
US-PATENT-APPL-SN-29917 ..... c 15 N73-13465 *
US-PATENT-APPL-SN-29917 ..... c 26 N74-10521 *
US-PATENT-APPL-SN-29917 ..... c 37 N74-13179 *
US-PATENT-APPL-SN-29979 ..... c 09 N75-15662 *
US-PATENT-APPL-SN-300113 ..... c 33 N70-33344 *
US-PATENT-APPL-SN-300712 ..... c 15 N70-35407 *
US-PATENT-APPL-SN-300957 ..... c 33 N71-29053 *
US-PATENT-APPL-SN-301039 ..... c 37 N74-27903 *
US-PATENT-APPL-SN-301075 ..... c 25 N83-29324 *
US-PATENT-APPL-SN-301077 ..... c 33 N84-14421 *
US-PATENT-APPL-SN-301078 ..... c 08 N85-19985 *
US-PATENT-APPL-SN-301417 ..... c 71 N74-21014 *
US-PATENT-APPL-SN-301418 ..... c 52 N76-29894 *
US-PATENT-APPL-SN-301419 ..... c 34 N76-17317 *
US-PATENT-APPL-SN-301683 ..... c 07 N71-15907 *
US-PATENT-APPL-SN-301925 ..... c 27 N92-21711 *
US-PATENT-APPL-SN-302681 ..... c 37 N75-12326 *
US-PATENT-APPL-SN-302749 ..... c 14 N70-40201 *
US-PATENT-APPL-SN-302913 ..... c 76 N79-16678 *
US-PATENT-APPL-SN-303670 ..... c 37 N82-11469 * #
US-PATENT-APPL-SN-303671 ..... c 31 N83-31896 *
US-PATENT-APPL-SN-303672 ..... c 71 N83-32516 *
US-PATENT-APPL-SN-304147 ..... c 27 N90-23541 *
US-PATENT-APPL-SN-304149 ..... c 31 N89-29577 * #
US-PATENT-APPL-SN-304154 ..... c 37 N91-14607 *
US-PATENT-APPL-SN-304155 ..... c 74 N91-14835 *
US-PATENT-APPL-SN-304430 ..... c 52 N74-27864 *
US-PATENT-APPL-SN-304698 ..... c 32 N70-41579 *
US-PATENT-APPL-SN-304705 ..... c 32 N74-20810 *
US-PATENT-APPL-SN-304749 ..... c 11 N71-16028 *
US-PATENT-APPL-SN-30498 ..... c 37 N74-21063 *
US-PATENT-APPL-SN-305012 ..... c 35 N74-15094 *
US-PATENT-APPL-SN-305013 ..... c 14 N73-13435 * #
US-PATENT-APPL-SN-305020 ..... c 21 N70-34295 *
US-PATENT-APPL-SN-305638 ..... c 34 N74-23066 *
US-PATENT-APPL-SN-305639 ..... c 37 N74-27904 *
US-PATENT-APPL-SN-305675 ..... c 33 N91-31529 *
US-PATENT-APPL-SN-306652 ..... c 33 N74-32712 *
US-PATENT-APPL-SN-307269 ..... c 24 N71-10560 *
US-PATENT-APPL-SN-307270 ..... c 10 N71-16030 *
US-PATENT-APPL-SN-307271 ..... c 09 N71-22999 *
US-PATENT-APPL-SN-307714 ..... c 03 N76-32140 *
US-PATENT-APPL-SN-307727 ..... c 32 N74-20813 *
US-PATENT-APPL-SN-307728 ..... c 34 N74-27861 *
US-PATENT-APPL-SN-307729 ..... c 31 N74-27900 *
US-PATENT-APPL-SN-308007 ..... c 44 N83-34448 *
US-PATENT-APPL-SN-308009 ..... c 33 N83-36355 *
US-PATENT-APPL-SN-308201 ..... c 27 N83-28240 *
US-PATENT-APPL-SN-308201 ..... c 27 N85-21349 *
US-PATENT-APPL-SN-308203 ..... c 34 N84-12406 *
US-PATENT-APPL-SN-308204 ..... c 44 N83-28574 *
US-PATENT-APPL-SN-308918 ..... c 27 N71-15634 *
US-PATENT-APPL-SN-309291 ..... c 37 N88-23982 *
US-PATENT-APPL-SN-309292 ..... c 37 N84-28085 *
US-PATENT-APPL-SN-309293 ..... c 25 N83-13187 *
US-PATENT-APPL-SN-309354 ..... c 11 N71-15926 *
US-PATENT-APPL-SN-310034 ..... c 32 N74-30524 *
US-PATENT-APPL-SN-310193 ..... c 33 N74-27682 *
US-PATENT-APPL-SN-310506 ..... c 10 N71-16042 *
US-PATENT-APPL-SN-310507 ..... c 07 N71-11298 *
US-PATENT-APPL-SN-310615 ..... c 37 N74-27901 *
US-PATENT-APPL-SN-310616 ..... c 35 N74-21017 *
US-PATENT-APPL-SN-310624 ..... c 33 N74-17929 *
US-PATENT-APPL-SN-310714 ..... c 33 N82-11360 * #
US-PATENT-APPL-SN-310992 ..... c 74 N91-26918 *
US-PATENT-APPL-SN-311024 ..... c 60 N91-31810 *
US-PATENT-APPL-SN-311175 ..... c 52 N74-22771 *
US-PATENT-APPL-SN-311234 ..... c 35 N74-23040 *
US-PATENT-APPL-SN-311376 ..... c 76 N92-21499 *
US-PATENT-APPL-SN-311387 ..... c 23 N71-30027 *
US-PATENT-APPL-SN-311551 ..... c 23 N91-14418 *
US-PATENT-APPL-SN-311552 ..... c 33 N92-16196 *
US-PATENT-APPL-SN-312269 ..... c 28 N71-14043 *
US-PATENT-APPL-SN-31242 ..... c 28 N70-33374 *
US-PATENT-APPL-SN-312443 ..... c 10 N71-21473 *
US-PATENT-APPL-SN-313132 ..... c 28 N70-34175 *
US-PATENT-APPL-SN-313135 ..... c 15 N70-35087 *
US-PATENT-APPL-SN-313136 ..... c 09 N71-12540 *
US-PATENT-APPL-SN-313381 ..... c 35 N74-15091 *
US-PATENT-APPL-SN-313839 ..... c 37 N90-21390 *
US-PATENT-APPL-SN-314074 ..... c 15 N71-16079 *
US-PATENT-APPL-SN-314570 ..... c 10 N71-28960 *
US-PATENT-APPL-SN-314572 ..... c 14 N71-15992 *
US-PATENT-APPL-SN-314656 ..... c 51 N77-25769 *
US-PATENT-APPL-SN-314702 ..... c 71 N84-16940 *
US-PATENT-APPL-SN-314928 ..... c 32 N84-34651 *
US-PATENT-APPL-SN-314929 ..... c 71 N83-32515 *
US-PATENT-APPL-SN-315048 ..... c 34 N74-27730 *
US-PATENT-APPL-SN-315069 ..... c 33 N74-20862 *
US-PATENT-APPL-SN-315070 ..... c 60 N76-23850 *
US-PATENT-APPL-SN-315096 ..... c 12 N70-40124 *
US-PATENT-APPL-SN-3151 ..... c 05 N72-27102 *
US-PATENT-APPL-SN-315278 ..... c 51 N83-28849 *
US-PATENT-APPL-SN-315583 ..... c 35 N84-33769 *
US-PATENT-APPL-SN-315584 ..... c 23 N84-16255 *
US-PATENT-APPL-SN-315587 ..... c 25 N83-31743 *
US-PATENT-APPL-SN-315588 ..... c 05 N84-22551 *
US-PATENT-APPL-SN-316477 ..... c 18 N71-10772 *
US-PATENT-APPL-SN-316618 ..... c 07 N74-15453 *
US-PATENT-APPL-SN-31702 ..... c 16 N73-16536 *
US-PATENT-APPL-SN-31703 ..... c 09 N72-21244 *
US-PATENT-APPL-SN-317310 ..... c 36 N77-25502 *
US-PATENT-APPL-SN-317389 ..... c 18 N70-41583 *
US-PATENT-APPL-SN-317391 ..... c 15 N71-15968 *
US-PATENT-APPL-SN-317567 ..... c 36 N75-15029 *
US-PATENT-APPL-SN-317658 ..... c 36 N84-16542 *
US-PATENT-APPL-SN-317776 ..... c 51 N92-34229 *
US-PATENT-APPL-SN-317776 ..... c 51 N92-34231 *
US-PATENT-APPL-SN-317931 ..... c 51 N92-34229 *
US-PATENT-APPL-SN-317977 ..... c 25 N83-36118 *
US-PATENT-APPL-SN-318151 ..... c 75 N74-30156 *
US-PATENT-APPL-SN-318152 ..... c 52 N74-20728 *
US-PATENT-APPL-SN-318217 ..... c 35 N91-13694 *
US-PATENT-APPL-SN-318357 ..... c 35 N74-21019 *
US-PATENT-APPL-SN-318358 ..... c 27 N74-27037 *
US-PATENT-APPL-SN-318443 ..... c 03 N70-34667 *
US-PATENT-APPL-SN-318848 ..... c 35 N77-14408 *
US-PATENT-APPL-SN-31885 ..... c 10 N72-17172 *
US-PATENT-APPL-SN-318981 ..... c 33 N92-16197 *
US-PATENT-APPL-SN-319150 ..... c 33 N75-19519 *
US-PATENT-APPL-SN-319410 ..... c 37 N74-20063 *
US-PATENT-APPL-SN-319892 ..... c 07 N71-10609 *
US-PATENT-APPL-SN-319893 ..... c 14 N70-41647 *
US-PATENT-APPL-SN-319894 ..... c 03 N71-11053 *
US-PATENT-APPL-SN-319905 ..... c 14 N71-10781 *
US-PATENT-APPL-SN-320233 ..... c 33 N71-15625 *
US-PATENT-APPL-SN-320595 ..... c 26 N70-40015 *
US-PATENT-APPL-SN-320621 ..... c 27 N83-34040 *
US-PATENT-APPL-SN-321179 ..... c 27 N74-21156 *
US-PATENT-APPL-SN-321180 ..... c 05 N76-29217 *
US-PATENT-APPL-SN-321656 ..... c 14 N70-41807 *
US-PATENT-APPL-SN-322312 ..... c 25 N84-22709 *
US-PATENT-APPL-SN-322314 ..... c 35 N84-12443 *
US-PATENT-APPL-SN-322316 ..... c 31 N83-19947 *
US-PATENT-APPL-SN-322317 ..... c 46 N85-21846 *
US-PATENT-APPL-SN-322321 ..... c 37 N85-21651 *

US-PATENT-APPL-SN-322545 ..... c 14 N71-10774 *
US-PATENT-APPL-SN-322565 ..... c 37 N75-27376 *
US-PATENT-APPL-SN-322997 ..... c 37 N75-15992 *
US-PATENT-APPL-SN-322997 ..... c 24 N79-25143 *
US-PATENT-APPL-SN-322998 ..... c 35 N74-32877 *
US-PATENT-APPL-SN-323182 ..... c 03 N70-41864 *
US-PATENT-APPL-SN-323236 ..... c 24 N90-21822 *
US-PATENT-APPL-SN-323748 ..... c 61 N90-16411 * #
US-PATENT-APPL-SN-324029 ..... c 32 N74-27612 *
US-PATENT-APPL-SN-32496 ..... c 15 N70-37925 *
US-PATENT-APPL-SN-325082 ..... c 35 N83-29652 *
US-PATENT-APPL-SN-325083 ..... c 33 N84-16456 *
US-PATENT-APPL-SN-325784 ..... c 24 N76-14204 *
US-PATENT-APPL-SN-325885 ..... c 35 N82-25484 * #
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US-PATENT-APPL-SN-325932 ..... c 33 N84-16455 *
US-PATENT-APPL-SN-325933 ..... c 76 N83-20789 *
US-PATENT-APPL-SN-326198 ..... c 35 N75-12272 *
US-PATENT-APPL-SN-326298 ..... c 14 N71-22765 *
US-PATENT-APPL-SN-326299 ..... c 26 N71-17818 *
US-PATENT-APPL-SN-326326 ..... c 35 N74-32879 *
US-PATENT-APPL-SN-326327 ..... c 44 N74-27519 *
US-PATENT-APPL-SN-326364 ..... c 51 N75-13502 *
US-PATENT-APPL-SN-32664 ..... c 11 N72-25287 *
US-PATENT-APPL-SN-32665 ..... c 14 N72-22444 *
US-PATENT-APPL-SN-326756 ..... c 71 N91-14808 *
US-PATENT-APPL-SN-326757 ..... c 24 N90-23493 *
US-PATENT-APPL-SN-326757 ..... c 24 N91-17145 *
US-PATENT-APPL-SN-326766 ..... c 35 N90-22024 *
US-PATENT-APPL-SN-326820 ..... c 35 N91-17350 *
US-PATENT-APPL-SN-326863 ..... c 37 N91-17387 *
US-PATENT-APPL-SN-327163 ..... c 03 N71-20895 *
US-PATENT-APPL-SN-327565 ..... c 02 N70-36825 *
US-PATENT-APPL-SN-327921 ..... c 54 N75-13531 *
US-PATENT-APPL-SN-327969 ..... c 35 N75-13213 *
US-PATENT-APPL-SN-328140 ..... c 18 N71-21651 *
US-PATENT-APPL-SN-328392 ..... c 27 N90-23545 *
US-PATENT-APPL-SN-328392 ..... c 23 N91-14419 *
US-PATENT-APPL-SN-328760 ..... c 31 N83-35177 *
US-PATENT-APPL-SN-328792 ..... c 35 N75-12273 *
US-PATENT-APPL-SN-329237 ..... c 33 N74-34638 *
US-PATENT-APPL-SN-329243 ..... c 28 N74-33209 *
US-PATENT-APPL-SN-329331 ..... c 15 N71-15906 *
US-PATENT-APPL-SN-329595 ..... c 05 N70-41329 *
US-PATENT-APPL-SN-329958 ..... c 33 N74-22885 *
US-PATENT-APPL-SN-330209 ..... c 15 N70-41646 *
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US-PATENT-APPL-SN-331323 ..... c 07 N71-16088 *
US-PATENT-APPL-SN-331324 ..... c 05 N70-35152 *
US-PATENT-APPL-SN-331551 ..... c 60 N92-16563 *
US-PATENT-APPL-SN-33159 ..... c 10 N72-11256 *
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US-PATENT-APPL-SN-332313 ..... c 21 N71-10678 *
US-PATENT-APPL-SN-332339 ..... c 07 N71-11284 *
US-PATENT-APPL-SN-332677 ..... c 33 N90-21951 *
US-PATENT-APPL-SN-333535 ..... c 74 N83-36898 *
US-PATENT-APPL-SN-333537 ..... c 44 N83-32176 *
US-PATENT-APPL-SN-333766 ..... c 31 N71-15663 *
US-PATENT-APPL-SN-333770 ..... c 21 N71-15583 *
US-PATENT-APPL-SN-333912 ..... c 32 N74-19790 *
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US-PATENT-APPL-SN-334672 ..... c 14 N70-41330 *
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US-PATENT-APPL-SN-335441 ..... c 14 N71-23268 *
US-PATENT-APPL-SN-336103 ..... c 16 N71-15550 *
US-PATENT-APPL-SN-336319 ..... c 44 N74-33379 *
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US-PATENT-APPL-SN-339806 ..... c 07 N74-27490 *
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US-PATENT-APPL-SN-342871 ..... c 27 N84-33589 *
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US-PATENT-APPL-SN-343656 ..... c 76 N91-14872 *
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US-PATENT-APPL-SN-350477 ..... c 35 N84-33765 *
US-PATENT-APPL-SN-350813 ..... c 32 N92-21712 *
US-PATENT-APPL-SN-351259 ..... c 15 N71-10672 *
US-PATENT-APPL-SN-351929 ..... c 33 N75-14957 *
US-PATENT-APPL-SN-351950 ..... c 33 N75-27249 *
US-PATENT-APPL-SN-352381 ..... c 20 N75-18310 *
US-PATENT-APPL-SN-352381 ..... c 37 N76-14461 *
US-PATENT-APPL-SN-352382 ..... c 60 N75-13539 *
US-PATENT-APPL-SN-352383 ..... c 35 N75-16783 *
US-PATENT-APPL-SN-352400 ..... c 26 N71-10607 *
US-PATENT-APPL-SN-352821 ..... c 44 N84-28205 *
US-PATENT-APPL-SN-352827 ..... c 35 N84-28015 *
US-PATENT-APPL-SN-352827 ..... c 35 N85-21598 *
US-PATENT-APPL-SN-352831 ..... c 35 N84-16523 *
US-PATENT-APPL-SN-353162 ..... c 33 N75-26243 *
US-PATENT-APPL-SN-353411 ..... c 37 N89-28846 * #
US-PATENT-APPL-SN-353632 ..... c 15 N71-13789 *
US-PATENT-APPL-SN-353634 ..... c 15 N70-41829 *
US-PATENT-APPL-SN-353637 ..... c 02 N70-34160 *
US-PATENT-APPL-SN-353644 ..... c 07 N71-23098 *
US-PATENT-APPL-SN-353645 ..... c 15 N71-15922 *
US-PATENT-APPL-SN-354060 ..... c 74 N76-19935 *
US-PATENT-APPL-SN-354126 ..... c 37 N82-22496 * #
US-PATENT-APPL-SN-354182 ..... c 10 N71-20841 *
US-PATENT-APPL-SN-354406 ..... c 52 N76-14757 *
US-PATENT-APPL-SN-354407 ..... c 33 N74-22865 *
US-PATENT-APPL-SN-354408 ..... c 35 N75-19614 *
US-PATENT-APPL-SN-354611 ..... c 25 N74-26947 *
US-PATENT-APPL-SN-354612 ..... c 35 N75-30504 *
US-PATENT-APPL-SN-355126 ..... c 17 N71-15644 *
US-PATENT-APPL-SN-355129 ..... c 14 N70-41957 *
US-PATENT-APPL-SN-355130 ..... c 15 N70-40354 *
US-PATENT-APPL-SN-356488 ..... c 08 N71-19544 *
US-PATENT-APPL-SN-356554 ..... c 24 N75-33181 *
US-PATENT-APPL-SN-356555 ..... c 37 N75-19685 *
US-PATENT-APPL-SN-356664 ..... c 31 N75-12161 *
US-PATENT-APPL-SN-356692 ..... c 15 N70-41371 *
US-PATENT-APPL-SN-357126 ..... c 35 N74-34857 *
US-PATENT-APPL-SN-357312 ..... c 27 N76-16229 *
US-PATENT-APPL-SN-357334 ..... c 03 N71-12258 *
US-PATENT-APPL-SN-357336 ..... c 03 N71-12259 *
US-PATENT-APPL-SN-357337 ..... c 15 N71-10782 *
US-PATENT-APPL-SN-357340 ..... c 23 N71-15673 *
US-PATENT-APPL-SN-357757 ..... c 14 N91-21176 *
US-PATENT-APPL-SN-357758 ..... c 76 N91-28014 *
US-PATENT-APPL-SN-357759 ..... c 62 N92-15620 * #
US-PATENT-APPL-SN-357928 ..... c 60 N92-29132 *
US-PATENT-APPL-SN-357938 ..... c 45 N91-14662 *
US-PATENT-APPL-SN-358027 ..... c 35 N91-14587 *
US-PATENT-APPL-SN-358028 ..... c 37 N89-28842 * #
US-PATENT-APPL-SN-358029 ..... c 37 N91-32508 *
US-PATENT-APPL-SN-358088 ..... c 35 N84-33767 *
US-PATENT-APPL-SN-358089 ..... c 71 N84-23233 *
US-PATENT-APPL-SN-358127 ..... c 05 N71-12335 *
US-PATENT-APPL-SN-358213 ..... c 52 N92-11621 *
US-PATENT-APPL-SN-358398 ..... c 36 N84-22944 *
US-PATENT-APPL-SN-359039 ..... c 32 N74-30523 *
US-PATENT-APPL-SN-359156 ..... c 14 N75-24794 *
US-PATENT-APPL-SN-359157 ..... c 35 N74-18090 *
US-PATENT-APPL-SN-359382 ..... c 32 N85-34327 *
US-PATENT-APPL-SN-359388 ..... c 44 N83-32177 *
US-PATENT-APPL-SN-359459 ..... c 36 N89-28817 * #
US-PATENT-APPL-SN-359460 ..... c 36 N92-31788 *
US-PATENT-APPL-SN-359532 ..... c 15 N71-28959 *
US-PATENT-APPL-SN-359626 ..... c 35 N84-28018 *
US-PATENT-APPL-SN-359627 ..... c 35 N82-26631 * #
US-PATENT-APPL-SN-359627 ..... c 35 N85-29214 *
US-PATENT-APPL-SN-359801 ..... c 74 N91-27957 *
US-PATENT-APPL-SN-359957 ..... c 07 N74-32418 *
US-PATENT-APPL-SN-359958 ..... c 37 N74-26976 *
US-PATENT-APPL-SN-360180 ..... c 17 N71-16026 *
US-PATENT-APPL-SN-360182 ..... c 31 N70-36654 *
US-PATENT-APPL-SN-360878 ..... c 03 N71-11051 *
US-PATENT-APPL-SN-361200 ..... c 18 N89-28556 * #
US-PATENT-APPL-SN-361215 ..... c 27 N84-14323 *
US-PATENT-APPL-SN-361216 ..... c 35 N84-28016 *
US-PATENT-APPL-SN-361217 ..... c 71 N85-22104 *
US-PATENT-APPL-SN-361471 ..... c 27 N92-34160 *
US-PATENT-APPL-SN-361479 ..... c 14 N91-21175 *
US-PATENT-APPL-SN-361531 ..... c 35 N89-28795 * #
US-PATENT-APPL-SN-361666 ..... c 33 N75-30428 *
US-PATENT-APPL-SN-361711 ..... c 24 N82-26387 * #
US-PATENT-APPL-SN-361711 ..... c 24 N84-16262 *
US-PATENT-APPL-SN-361906 ..... c 33 N74-20861 *
US-PATENT-APPL-SN-361907 ..... c 35 N74-27865 *
US-PATENT-APPL-SN-362145 ..... c 32 N75-26194 *
US-PATENT-APPL-SN-362146 ..... c 33 N75-18479 *
US-PATENT-APPL-SN-362261 ..... c 14 N73-32325 *
US-PATENT-APPL-SN-362278 ..... c 37 N78-17385 *
US-PATENT-APPL-SN-363130 ..... c 25 N81-19244 *
US-PATENT-APPL-SN-363348 ..... c 05 N70-41581 *
US-PATENT-APPL-SN-363653 ..... c 07 N70-41331 *
US-PATENT-APPL-SN-363654 ..... c 07 N70-41372 *
US-PATENT-APPL-SN-363691 ..... c 20 N76-14190 *
US-PATENT-APPL-SN-363807 ..... c 35 N91-27522 *
US-PATENT-APPL-SN-363815 ..... c 33 N91-21434 *
US-PATENT-APPL-SN-364041 ..... c 76 N85-30923 *
US-PATENT-APPL-SN-364072 ..... c 70 N84-28565 *
US-PATENT-APPL-SN-364092 ..... c 76 N83-35888 *
US-PATENT-APPL-SN-364093 ..... c 37 N83-34323 *
US-PATENT-APPL-SN-364094 ..... c 37 N84-28083 *
US-PATENT-APPL-SN-364097 ..... c 71 N82-27086 * #
US-PATENT-APPL-SN-364126 ..... c 36 N84-22943 *
US-PATENT-APPL-SN-364743 ..... c 37 N91-14608 *
US-PATENT-APPL-SN-364774 ..... c 37 N91-14616 *
US-PATENT-APPL-SN-364867 ..... c 09 N71-10673 *
US-PATENT-APPL-SN-365244 ..... c 37 N78-17386 *
US-PATENT-APPL-SN-36531 ..... c 07 N72-25174 *
US-PATENT-APPL-SN-36534 ..... c 21 N73-14692 *
US-PATENT-APPL-SN-3654 ..... c 35 N77-27367 *
US-PATENT-APPL-SN-365644 ..... c 35 N74-26946 *
US-PATENT-APPL-SN-365950 ..... c 27 N83-18908 *
US-PATENT-APPL-SN-366025 ..... c 27 N84-22744 *
US-PATENT-APPL-SN-366103 ..... c 76 N84-35112 * #
US-PATENT-APPL-SN-366205 ..... c 35 N91-14590 *
US-PATENT-APPL-SN-366226 ..... c 10 N71-16057 *
US-PATENT-APPL-SN-366957 ..... c 27 N90-10261 * #
US-PATENT-APPL-SN-367132 ..... c 32 N85-21427 *
US-PATENT-APPL-SN-367134 ..... c 44 N83-34449 *
US-PATENT-APPL-SN-367136 ..... c 35 N85-21596 *
US-PATENT-APPL-SN-367187 ..... c 04 N84-14132 *
US-PATENT-APPL-SN-367268 ..... c 05 N75-25914 *
US-PATENT-APPL-SN-367293 ..... c 36 N75-19655 *
US-PATENT-APPL-SN-367294 ..... c 76 N75-12810 *
US-PATENT-APPL-SN-367606 ..... c 75 N75-13625 *
US-PATENT-APPL-SN-367606 ..... c 75 N76-17951 *
US-PATENT-APPL-SN-368123 ..... c 09 N71-10618 *
US-PATENT-APPL-SN-368187 ..... c 54 N84-11758 *
US-PATENT-APPL-SN-368188 ..... c 33 N84-33663 *
US-PATENT-APPL-SN-368189 ..... c 18 N84-22605 *
US-PATENT-APPL-SN-36819 ..... c 23 N72-22673 *
US-PATENT-APPL-SN-36926 ..... c 28 N72-23810 *
US-PATENT-APPL-SN-369334 ..... c 21 N71-22880 *
US-PATENT-APPL-SN-369336 ..... c 09 N71-10659 *
US-PATENT-APPL-SN-369337 ..... c 15 N70-41811 *
US-PATENT-APPL-SN-369338 ..... c 08 N71-28925 *
US-PATENT-APPL-SN-369403 ..... c 35 N91-14588 *
US-PATENT-APPL-SN-369490 ..... c 19 N91-14412 *
US-PATENT-APPL-SN-369640 ..... c 32 N70-41370 *
US-PATENT-APPL-SN-3696 ..... c 10 N72-20224 *
US-PATENT-APPL-SN-370134 ..... c 30 N70-40353 *

US-PATENT-APPL-SN-370135 ..... c 11 N70-41677 *
US-PATENT-APPL-SN-370255 ..... c 33 N75-18477 *
US-PATENT-APPL-SN-370271 ..... c 32 N75-24981 *
US-PATENT-APPL-SN-37050 ..... c 33 N74-26732 *
US-PATENT-APPL-SN-370582 ..... c 18 N76-14186 *
US-PATENT-APPL-SN-370872 ..... c 37 N74-32918 *
US-PATENT-APPL-SN-370989 ..... c 23 N71-29049 *
US-PATENT-APPL-SN-370999 ..... c 74 N78-15879 *
US-PATENT-APPL-SN-371322 ..... c 44 N76-14600 *
US-PATENT-APPL-SN-371351 ..... c 76 N84-35113 *
US-PATENT-APPL-SN-371352 ..... c 52 N84-11744 *
US-PATENT-APPL-SN-371856 ..... c 15 N70-42033 *
US-PATENT-APPL-SN-371857 ..... c 07 N70-41680 *
US-PATENT-APPL-SN-372148 ..... c 35 N74-26949 *
US-PATENT-APPL-SN-372149 ..... c 37 N75-15050 *
US-PATENT-APPL-SN-372279 ..... c 35 N84-28019 *
US-PATENT-APPL-SN-372438 ..... c 30 N71-17788 *
US-PATENT-APPL-SN-372648 ..... c 27 N71-16348 *
US-PATENT-APPL-SN-372727 ..... c 31 N70-36845 *
US-PATENT-APPL-SN-372730 ..... c 28 N71-28850 *
US-PATENT-APPL-SN-373587 ..... c 33 N74-32711 *
US-PATENT-APPL-SN-373588 ..... c 33 N75-19515 *
US-PATENT-APPL-SN-373591 ..... c 31 N71-15692 *
US-PATENT-APPL-SN-373770 ..... c 35 N84-34705 *
US-PATENT-APPL-SN-373771 ..... c 35 N84-22934 *
US-PATENT-APPL-SN-373839 ..... c 33 N84-22887 *
US-PATENT-APPL-SN-374421 ..... c 27 N76-24405 *
US-PATENT-APPL-SN-374422 ..... c 32 N75-24982 *
US-PATENT-APPL-SN-374423 ..... c 36 N75-31427 *
US-PATENT-APPL-SN-374424 ..... c 74 N75-12732 *
US-PATENT-APPL-SN-374441 ..... c 35 N75-19616 *
US-PATENT-APPL-SN-374583 ..... c 33 N74-29556 *
US-PATENT-APPL-SN-374810 ..... c 27 N80-32514 *
US-PATENT-APPL-SN-375401 ..... c 17 N71-16025 *
US-PATENT-APPL-SN-375405 ..... c 31 N71-15675 *
US-PATENT-APPL-SN-375620 ..... c 43 N85-21723 *
US-PATENT-APPL-SN-375674 ..... c 28 N70-41582 *
US-PATENT-APPL-SN-375680 ..... c 10 N71-28739 *
US-PATENT-APPL-SN-375682 ..... c 31 N70-41588 *
US-PATENT-APPL-SN-375684 ..... c 44 N85-21769 *
US-PATENT-APPL-SN-375784 ..... c 24 N85-21266 *
US-PATENT-APPL-SN-375784 ..... c 24 N85-35233 *
US-PATENT-APPL-SN-376306 ..... c 25 N84-12262 *
US-PATENT-APPL-SN-376487 ..... c 25 N89-28603 * #
US-PATENT-APPL-SN-376487 ..... c 25 N92-28728 *
US-PATENT-APPL-SN-376488 ..... c 75 N91-25875 *
US-PATENT-APPL-SN-376738 ..... c 35 N92-21723 *
US-PATENT-APPL-SN-377146 ..... c 14 N71-23041 *
US-PATENT-APPL-SN-377777 ..... c 32 N70-42003 *
US-PATENT-APPL-SN-377780 ..... c 11 N71-10604 *
US-PATENT-APPL-SN-377784 ..... c 28 N70-41311 *
US-PATENT-APPL-SN-377891 ..... c 52 N84-34913 *
US-PATENT-APPL-SN-377892 ..... c 33 N83-24763 *
US-PATENT-APPL-SN-378080 ..... c 12 N71-24692 *
US-PATENT-APPL-SN-378126 ..... c 44 N76-18643 *
US-PATENT-APPL-SN-378127 ..... c 44 N76-18641 *
US-PATENT-APPL-SN-378533 ..... c 37 N84-11497 *
US-PATENT-APPL-SN-378535 ..... c 74 N84-23248 *
US-PATENT-APPL-SN-378548 ..... c 54 N91-31803 * #
US-PATENT-APPL-SN-379019 ..... c 09 N75-12969 *
US-PATENT-APPL-SN-379049 ..... c 31 N75-13111 *
US-PATENT-APPL-SN-379072 ..... c 15 N71-16078 *
US-PATENT-APPL-SN-379417 ..... c 02 N70-41863 *
US-PATENT-APPL-SN-379601 ..... c 71 N85-30765 *
US-PATENT-APPL-SN-379602 ..... c 44 N84-23018 *
US-PATENT-APPL-SN-379768 ..... c 28 N71-10780 *
US-PATENT-APPL-SN-379771 ..... c 33 N71-28852 *
US-PATENT-APPL-SN-380046 ..... c 25 N76-29379 *
US-PATENT-APPL-SN-380630 ..... c 37 N75-21631 *
US-PATENT-APPL-SN-380960 ..... c 15 N70-41993 *
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US-PATENT-APPL-SN-381239 ..... c 09 N91-21157 *
US-PATENT-APPL-SN-381240 ..... c 27 N91-25296 *
US-PATENT-APPL-SN-381940 ..... c 09 N71-20705 *
US-PATENT-APPL-SN-382261 ..... c 35 N76-14430 *
US-PATENT-APPL-SN-382262 ..... c 37 N74-21058 *
US-PATENT-APPL-SN-38262 ..... c 28 N70-35422 * #
US-PATENT-APPL-SN-382885 ..... c 14 N91-27175 *
US-PATENT-APPL-SN-382976 ..... c 15 N71-21179 *
US-PATENT-APPL-SN-383063 ..... c 37 N84-12493 *
US-PATENT-APPL-SN-383068 ..... c 44 N84-34792 *
US-PATENT-APPL-SN-383083 ..... c 33 N84-16453 *
US-PATENT-APPL-SN-383086 ..... c 36 N85-21639 *
US-PATENT-APPL-SN-383384 ..... c 06 N84-27733 *
US-PATENT-APPL-SN-384010 ..... c 10 N71-28859 *
US-PATENT-APPL-SN-384547 ..... c 36 N85-29264 *
US-PATENT-APPL-SN-384773 ..... c 15 N76-14158 *
US-PATENT-APPL-SN-384811 ..... c 15 N71-10809 *
US-PATENT-APPL-SN-385013 ..... c 35 N75-19613 *
US-PATENT-APPL-SN-385059 ..... c 33 N77-21315 *
US-PATENT-APPL-SN-385220 ..... c 36 N85-30305 *
US-PATENT-APPL-SN-385520 ..... c 14 N71-23037 *
US-PATENT-APPL-SN-385522 ..... c 34 N75-33342 *
US-PATENT-APPL-SN-385526 ..... c 12 N71-16031 *
US-PATENT-APPL-SN-385527 ..... c 31 N71-17729 *
US-PATENT-APPL-SN-385530 ..... c 09 N71-10798 *
US-PATENT-APPL-SN-386172 ..... c 24 N91-14430 *
US-PATENT-APPL-SN-386174 ..... c 75 N90-10717 * #
US-PATENT-APPL-SN-386175 ..... c 35 N92-31790 *
US-PATENT-APPL-SN-386467 ..... c 14 N70-40233 *
US-PATENT-APPL-SN-386789 ..... c 35 N75-12271 *
US-PATENT-APPL-SN-386790 ..... c 09 N75-12968 *
US-PATENT-APPL-SN-386793 ..... c 35 N75-25124 *
US-PATENT-APPL-SN-386800 ..... c 15 N71-21404 *
US-PATENT-APPL-SN-387094 ..... c 37 N77-19457 *
US-PATENT-APPL-SN-387095 ..... c 37 N75-33395 *
US-PATENT-APPL-SN-387266 ..... c 35 N75-27328 *
US-PATENT-APPL-SN-387332 ..... c 15 N70-33226 *
US-PATENT-APPL-SN-387342 ..... c 37 N76-18457 *
US-PATENT-APPL-SN-387646 ..... c 37 N85-30336 *
US-PATENT-APPL-SN-387647 ..... c 33 N85-34333 *
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US-PATENT-APPL-SN-387649 ..... c 09 N85-19990 *
US-PATENT-APPL-SN-387728 ..... c 37 N84-28084 *
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US-PATENT-APPL-SN-388024 ..... c 32 N71-17609 *
US-PATENT-APPL-SN-38814 ..... c 15 N72-11385 *
US-PATENT-APPL-SN-38816 ..... c 70 N74-13436 *
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US-PATENT-APPL-SN-388264 ..... c 37 N91-14614 *
US-PATENT-APPL-SN-388966 ..... c 31 N70-41855 *
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US-PATENT-APPL-SN-389916 ..... c 18 N75-27041 *
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US-PATENT-APPL-SN-390049 ..... c 37 N76-16446 * #
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US-PATENT-APPL-SN-390468 ..... c 36 N75-19652 *
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US-PATENT-APPL-SN-391692 ..... c 23 N91-14419 *
US-PATENT-APPL-SN-39185 ..... c 16 N72-25485 *
US-PATENT-APPL-SN-391896 ..... c 43 N91-32546 *
US-PATENT-APPL-SN-391911 ..... c 54 N91-14724 *
US-PATENT-APPL-SN-392092 ..... c 51 N84-28361 *
US-PATENT-APPL-SN-392093 ..... c 33 N88-23941 *
US-PATENT-APPL-SN-392094 ..... c 37 N85-29283 *
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US-PATENT-APPL-SN-392103 ..... c 44 N84-28204 *
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US-PATENT-APPL-SN-392165 ..... c 71 N91-27913 *
US-PATENT-APPL-SN-392166 ..... c 24 N92-18561 *
US-PATENT-APPL-SN-392174 ..... c 54 N91-26747 *
US-PATENT-APPL-SN-392228 ..... c 54 N91-14723 *
US-PATENT-APPL-SN-392235 ..... c 37 N91-21542 *
US-PATENT-APPL-SN-392239 ..... c 33 N91-14552 *
US-PATENT-APPL-SN-392823 ..... c 25 N74-33378 *
US-PATENT-APPL-SN-392944 ..... c 76 N85-29800 *
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US-PATENT-APPL-SN-393525 ..... c 31 N74-32917 *
US-PATENT-APPL-SN-393526 ..... c 77 N75-20139 *
US-PATENT-APPL-SN-393527 ..... c 15 N75-13007 *
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US-PATENT-APPL-SN-395868 ..... c 33 N75-19516 *
US-PATENT-APPL-SN-395895 ..... c 36 N78-17366 *
US-PATENT-APPL-SN-396262 ..... c 31 N91-14508 *
US-PATENT-APPL-SN-396263 ..... c 35 N90-23712 *
US-PATENT-APPL-SN-396443 ..... c 15 N71-15986 *
US-PATENT-APPL-SN-396444 ..... c 10 N71-20782 *
US-PATENT-APPL-SN-396726 ..... c 35 N91-15511 *
US-PATENT-APPL-SN-396726 ..... c 35 N91-21495 *
US-PATENT-APPL-SN-397281 ..... c 76 N83-34796 *
US-PATENT-APPL-SN-397476 ..... c 34 N75-12222 *
US-PATENT-APPL-SN-397477 ..... c 33 N75-19517 *
US-PATENT-APPL-SN-397478 ..... c 52 N75-33640 *
US-PATENT-APPL-SN-39755 ..... c 08 N72-21198 *
US-PATENT-APPL-SN-397665 ..... c 10 N70-41991 *
US-PATENT-APPL-SN-398131 ..... c 05 N70-41297 *
US-PATENT-APPL-SN-398132 ..... c 15 N70-41808 *
US-PATENT-APPL-SN-398885 ..... c 27 N76-15310 *
US-PATENT-APPL-SN-398886 ..... c 07 N75-24736 *
US-PATENT-APPL-SN-398901 ..... c 37 N75-25186 *
US-PATENT-APPL-SN-399074 ..... c 33 N88-14271 *
US-PATENT-APPL-SN-399419 ..... c 21 N71-23289 *
US-PATENT-APPL-SN-400467 ..... c 33 N75-30431 *
US-PATENT-APPL-SN-400613 ..... c 15 N71-21528 *
US-PATENT-APPL-SN-400617 ..... c 31 N71-17629 *
US-PATENT-APPL-SN-400857 ..... c 31 N79-21225 *
US-PATENT-APPL-SN-401224 ..... c 38 N78-17396 *
US-PATENT-APPL-SN-401225 ..... c 38 N78-17395 *
US-PATENT-APPL-SN-401282 ..... c 18 N85-29991 *
US-PATENT-APPL-SN-401288 ..... c 37 N84-28081 *
US-PATENT-APPL-SN-401466 ..... c 09 N75-24758 *
US-PATENT-APPL-SN-401919 ..... c 24 N76-24363 *
US-PATENT-APPL-SN-401920 ..... c 37 N75-25185 *
US-PATENT-APPL-SN-401921 ..... c 24 N76-14203 *
US-PATENT-APPL-SN-402205 ..... c 33 N85-30187 *
US-PATENT-APPL-SN-402365 ..... c 31 N71-17730 *
US-PATENT-APPL-SN-402865 ..... c 33 N74-32660 *
US-PATENT-APPL-SN-402867 ..... c 35 N75-33367 *
US-PATENT-APPL-SN-402868 ..... c 35 N75-19612 *
US-PATENT-APPL-SN-402978 ..... c 10 N71-23084 *
US-PATENT-APPL-SN-403154 ..... c 37 N77-22480 *
US-PATENT-APPL-SN-403371 ..... c 27 N82-33523 * #
US-PATENT-APPL-SN-403378 ..... c 26 N84-33555 *
US-PATENT-APPL-SN-403694 ..... c 54 N75-12616 *
US-PATENT-APPL-SN-403695 ..... c 35 N77-20399 *
US-PATENT-APPL-SN-403847 ..... c 31 N83-35176 *
US-PATENT-APPL-SN-403848 ..... c 33 N85-21493 *
US-PATENT-APPL-SN-403849 ..... c 35 N87-21304 *
US-PATENT-APPL-SN-403959 ..... c 14 N70-41994 *
US-PATENT-APPL-SN-403960 ..... c 14 N70-41366 *
US-PATENT-APPL-SN-404212 ..... c 14 N73-32324 *
US-PATENT-APPL-SN-404288 ..... c 33 N91-14536 *
US-PATENT-APPL-SN-404289 ..... c 26 N91-14462 *
US-PATENT-APPL-SN-404290 ..... c 34 N91-14563 *
US-PATENT-APPL-SN-404291 ..... c 74 N91-21871 *
US-PATENT-APPL-SN-404292 ..... c 37 N91-14609 *
US-PATENT-APPL-SN-404293 ..... c 32 N90-16104 * #
US-PATENT-APPL-SN-404809 ..... c 27 N84-27885 *
US-PATENT-APPL-SN-404809 ..... c 25 N85-28982 *
US-PATENT-APPL-SN-405154 ..... c 37 N91-21539 *
US-PATENT-APPL-SN-405168 ..... c 70 N91-21824 *
US-PATENT-APPL-SN-405169 ..... c 33 N91-14538 *
US-PATENT-APPL-SN-405341 ..... c 37 N76-15460 *
US-PATENT-APPL-SN-405342 ..... c 35 N75-19615 *
US-PATENT-APPL-SN-405346 ..... c 37 N75-30562 *
US-PATENT-APPL-SN-405629 ..... c 09 N71-10677 *
US-PATENT-APPL-SN-405630 ..... c 14 N71-10616 *
US-PATENT-APPL-SN-405632 ..... c 21 N71-15582 *
US-PATENT-APPL-SN-406097 ..... c 14 N71-21088 *
US-PATENT-APPL-SN-406296 ..... c 25 N79-10163 *
US-PATENT-APPL-SN-406715 ..... c 35 N75-15014 *
US-PATENT-APPL-SN-406820 ..... c 74 N86-32266 *
US-PATENT-APPL-SN-407240 ..... c 27 N83-34041 *
US-PATENT-APPL-SN-407240 ..... c 27 N85-20124 *
US-PATENT-APPL-SN-407323 ..... c 32 N75-21485 *
US-PATENT-APPL-SN-407595 ..... c 28 N70-41992 *
US-PATENT-APPL-SN-407599 ..... c 14 N71-21091 *
US-PATENT-APPL-SN-407603 ..... c 05 N71-11199 *
US-PATENT-APPL-SN-408435 ..... c 15 N71-28937 *
US-PATENT-APPL-SN-408438 ..... c 07 N71-22750 *
US-PATENT-APPL-SN-408442 ..... c 10 N71-23662 *
US-PATENT-APPL-SN-408575 ..... c 35 N83-32026 *
US-PATENT-APPL-SN-409126 ..... c 18 N71-21068 *
US-PATENT-APPL-SN-409678 ..... c 09 N84-27749 *
US-PATENT-APPL-SN-409679 ..... c 33 N82-33634 * #
US-PATENT-APPL-SN-409679 ..... c 33 N84-22884 *
US-PATENT-APPL-SN-409680 ..... c 35 N85-20294 *
US-PATENT-APPL-SN-409990 ..... c 35 N75-27330 *
US-PATENT-APPL-SN-409991 ..... c 33 N75-13139 *
US-PATENT-APPL-SN-410325 ..... c 18 N71-23088 *
US-PATENT-APPL-SN-410326 ..... c 09 N71-21449 *
US-PATENT-APPL-SN-410330 ..... c 26 N71-23043 *
US-PATENT-APPL-SN-410331 ..... c 02 N70-41589 *
US-PATENT-APPL-SN-410332 ..... c 14 N71-23039 *
US-PATENT-APPL-SN-410572 ..... c 27 N90-15259 * #
US-PATENT-APPL-SN-410576 ..... c 24 N91-31236 *
US-PATENT-APPL-SN-411572 ..... c 35 N75-15932 *
US-PATENT-APPL-SN-411944 ..... c 15 N70-41629 *
US-PATENT-APPL-SN-411945 ..... c 18 N71-23047 *
US-PATENT-APPL-SN-411949 ..... c 27 N71-15635 *
US-PATENT-APPL-SN-412039 ..... c 06 N84-34443 *

US-PATENT-APPL-SN-506136 ..... c 60 N91-13890 * #
US-PATENT-APPL-SN-506137 ..... c 15 N71-23049 *
US-PATENT-APPL-SN-506137 ..... c 76 N90-26685 * #
US-PATENT-APPL-SN-506477 ..... c 33 N85-29146 *
US-PATENT-APPL-SN-506636 ..... c 74 N92-29133 *
US-PATENT-APPL-SN-506803 ..... c 24 N79-25143 *
US-PATENT-APPL-SN-506804 ..... c 35 N76-18402 *
US-PATENT-APPL-SN-506908 ..... c 09 N71-18843 *
US-PATENT-APPL-SN-507254 ..... c 14 N71-22990 *
US-PATENT-APPL-SN-507257 ..... c 09 N71-19449 *
US-PATENT-APPL-SN-507553 ..... c 34 N91-27504 *
US-PATENT-APPL-SN-507623 ..... c 31 N85-29083 *
US-PATENT-APPL-SN-507624 ..... c 76 N85-30922 *
US-PATENT-APPL-SN-507625 ..... c 76 N86-20150 *
US-PATENT-APPL-SN-507626 ..... c 34 N85-29179 *
US-PATENT-APPL-SN-508154 ..... c 54 N91-32795 *
US-PATENT-APPL-SN-508169 ..... c 18 N71-27397 *
US-PATENT-APPL-SN-508170 ..... c 08 N71-22710 *
US-PATENT-APPL-SN-508316 ..... c 27 N92-28751 *
US-PATENT-APPL-SN-508371 ..... c 05 N85-21147 *
US-PATENT-APPL-SN-508372 ..... c 43 N83-29783 * #
US-PATENT-APPL-SN-508386 ..... c 25 N92-10073 *
US-PATENT-APPL-SN-508601 ..... c 15 N71-22878 *
US-PATENT-APPL-SN-508784 ..... c 76 N76-25049 *
US-PATENT-APPL-SN-508873 ..... c 14 N71-23240 *
US-PATENT-APPL-SN-509460 ..... c 01 N71-13411 *
US-PATENT-APPL-SN-510136 ..... c 18 N84-33450 *
US-PATENT-APPL-SN-510137 ..... c 37 N85-34401 *
US-PATENT-APPL-SN-510150 ..... c 10 N71-26103 *
US-PATENT-APPL-SN-510155 ..... c 06 N71-11235 *
US-PATENT-APPL-SN-510474 ..... c 15 N71-23810 *
US-PATENT-APPL-SN-510475 ..... c 14 N71-23087 *
US-PATENT-APPL-SN-510677 ..... c 44 N77-19571 *
US-PATENT-APPL-SN-511299 ..... c 15 N71-22798 *
US-PATENT-APPL-SN-511334 ..... c 36 N77-32478 *
US-PATENT-APPL-SN-511346 ..... c 15 N77-10113 *
US-PATENT-APPL-SN-511362 ..... c 33 N85-29147 *
US-PATENT-APPL-SN-511363 ..... c 25 N88-23846 *
US-PATENT-APPL-SN-5114 ..... c 06 N72-25150 *
US-PATENT-APPL-SN-511564 ..... c 09 N69-39885 * #
US-PATENT-APPL-SN-511567 ..... c 05 N71-12336 *
US-PATENT-APPL-SN-511887 ..... c 35 N76-15436 *
US-PATENT-APPL-SN-511894 ..... c 03 N76-32140 *
US-PATENT-APPL-SN-512352 ..... c 15 N70-33330 *
US-PATENT-APPL-SN-512509 ..... c 26 N75-27125 *
US-PATENT-APPL-SN-512559 ..... c 23 N71-22881 *
US-PATENT-APPL-SN-512561 ..... c 16 N71-25914 *
US-PATENT-APPL-SN-512562 ..... c 16 N71-24074 *
US-PATENT-APPL-SN-512795 ..... c 27 N84-22745 *
US-PATENT-APPL-SN-512825 ..... c 32 N76-15329 *
US-PATENT-APPL-SN-51317 ..... c 14 N73-30389 *
US-PATENT-APPL-SN-513346 ..... c 07 N79-14095 *
US-PATENT-APPL-SN-513389 ..... c 25 N75-12087 *
US-PATENT-APPL-SN-513576 ..... c 35 N76-29552 *
US-PATENT-APPL-SN-513611 ..... c 24 N76-22309 *
US-PATENT-APPL-SN-513611 ..... c 24 N80-33482 *
US-PATENT-APPL-SN-513612 ..... c 05 N77-17029 *
US-PATENT-APPL-SN-513613 ..... c 27 N78-15276 *
US-PATENT-APPL-SN-513690 ..... c 37 N76-20480 *
US-PATENT-APPL-SN-514117 ..... c 27 N86-19455 *
US-PATENT-APPL-SN-514407 ..... c 18 N71-22894 *
US-PATENT-APPL-SN-514546 ..... c 74 N76-20958 *
US-PATENT-APPL-SN-51473 ..... c 02 N70-33266 *
US-PATENT-APPL-SN-51477 ..... c 14 N72-25412 *
US-PATENT-APPL-SN-515484 ..... c 14 N71-22993 *
US-PATENT-APPL-SN-516087 ..... c 27 N85-20125 *
US-PATENT-APPL-SN-516150 ..... c 05 N71-19440 *
US-PATENT-APPL-SN-516151 ..... c 15 N70-41679 *
US-PATENT-APPL-SN-516152 ..... c 14 N71-23225 *
US-PATENT-APPL-SN-516153 ..... c 10 N71-28783 *
US-PATENT-APPL-SN-516154 ..... c 09 N69-24330 * #
US-PATENT-APPL-SN-516155 ..... c 09 N71-23270 *
US-PATENT-APPL-SN-516158 ..... c 09 N71-19479 *
US-PATENT-APPL-SN-516159 ..... c 14 N70-41812 *
US-PATENT-APPL-SN-516160 ..... c 33 N71-16277 *
US-PATENT-APPL-SN-516162 ..... c 07 N71-28900 *
US-PATENT-APPL-SN-516217 ..... c 27 N85-21350 *
US-PATENT-APPL-SN-516217 ..... c 27 N85-21351 *
US-PATENT-APPL-SN-516217 ..... c 27 N85-21352 *
US-PATENT-APPL-SN-516217 ..... c 25 N85-28982 *
US-PATENT-APPL-SN-516217 ..... c 25 N85-30039 *
US-PATENT-APPL-SN-516489 ..... c 25 N92-16043 *
US-PATENT-APPL-SN-516573 ..... c 18 N92-15114 *
US-PATENT-APPL-SN-516793 ..... c 16 N71-22895 *
US-PATENT-APPL-SN-516794 ..... c 14 N70-42074 *
US-PATENT-APPL-SN-516856 ..... c 18 N91-21221 *
US-PATENT-APPL-SN-517100 ..... c 28 N70-33241 *
US-PATENT-APPL-SN-517114 ..... c 32 N90-27016 * #
US-PATENT-APPL-SN-517156 ..... c 14 N71-23093 *
US-PATENT-APPL-SN-517157 ..... c 15 N71-22722 *
US-PATENT-APPL-SN-517158 ..... c 14 N71-23401 *
US-PATENT-APPL-SN-517159 ..... c 15 N71-20740 *
US-PATENT-APPL-SN-517858 ..... c 14 N71-21006 *
US-PATENT-APPL-SN-517869 ..... c 15 N71-23050 *
US-PATENT-APPL-SN-517995 ..... c 39 N76-31562 *
US-PATENT-APPL-SN-518487 ..... c 05 N71-11190 *
US-PATENT-APPL-SN-518544 ..... c 44 N76-24696 *
US-PATENT-APPL-SN-518545 ..... c 19 N76-22284 *
US-PATENT-APPL-SN-518546 ..... c 26 N76-18257 *
US-PATENT-APPL-SN-518684 ..... c 44 N76-22657 *
US-PATENT-APPL-SN-518685 ..... c 35 N76-14429 *
US-PATENT-APPL-SN-519160 ..... c 18 N71-20742 *
US-PATENT-APPL-SN-519161 ..... c 05 N71-20718 *
US-PATENT-APPL-SN-519395 ..... c 09 N69-24317 * #
US-PATENT-APPL-SN-520472 ..... c 27 N92-11198 * #
US-PATENT-APPL-SN-520838 ..... c 08 N71-18595 *
US-PATENT-APPL-SN-520839 ..... c 10 N71-19472 *
US-PATENT-APPL-SN-521006 ..... c 34 N77-10463 *
US-PATENT-APPL-SN-521601 ..... c 60 N76-14818 *
US-PATENT-APPL-SN-521602 ..... c 37 N76-18454 *
US-PATENT-APPL-SN-521603 ..... c 35 N75-29380 *
US-PATENT-APPL-SN-521620 ..... c 09 N77-10071 *
US-PATENT-APPL-SN-521753 ..... c 15 N70-41960 *
US-PATENT-APPL-SN-521754 ..... c 07 N71-22984 *
US-PATENT-APPL-SN-521755 ..... c 28 N71-28849 *
US-PATENT-APPL-SN-521816 ..... c 35 N77-19385 *
US-PATENT-APPL-SN-521817 ..... c 45 N76-21742 *
US-PATENT-APPL-SN-521994 ..... c 17 N71-23365 *
US-PATENT-APPL-SN-521996 ..... c 15 N69-27871 * #
US-PATENT-APPL-SN-521998 ..... c 07 N69-24323 * #
US-PATENT-APPL-SN-521999 ..... c 12 N71-20815 *
US-PATENT-APPL-SN-522109 ..... c 07 N78-17056 *
US-PATENT-APPL-SN-522551 ..... c 76 N76-20994 *
US-PATENT-APPL-SN-522552 ..... c 35 N76-16390 *
US-PATENT-APPL-SN-522556 ..... c 35 N76-15432 *
US-PATENT-APPL-SN-522629 ..... c 23 N90-20133 *
US-PATENT-APPL-SN-522629 ..... c 23 N90-23475 *
US-PATENT-APPL-SN-5226628 .. c 08 N85-19985 *
US-PATENT-APPL-SN-522794 ..... c 09 N71-23190 *
US-PATENT-APPL-SN-522795 ..... c 20 N71-16281 *
US-PATENT-APPL-SN-522949 ..... c 37 N92-22036 *
US-PATENT-APPL-SN-522971 ..... c 54 N76-24900 *
US-PATENT-APPL-SN-523297 ..... c 24 N85-21266 *
US-PATENT-APPL-SN-523297 ..... c 24 N85-35233 *
US-PATENT-APPL-SN-523511 ..... c 28 N71-20942 *
US-PATENT-APPL-SN-523559 ..... c 74 N85-29750 *
US-PATENT-APPL-SN-523560 ..... c 60 N86-21154 *
US-PATENT-APPL-SN-523632 ..... c 33 N78-17293 *
US-PATENT-APPL-SN-523675 ..... c 37 N91-21545 *
US-PATENT-APPL-SN-523991 ..... c 35 N86-20751 *
US-PATENT-APPL-SN-524109 ..... c 24 N92-10070 *
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US-PATENT-APPL-SN-524959 ..... c 76 N90-27518 * #
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US-PATENT-APPL-SN-526448 ..... c 44 N76-14602 *
US-PATENT-APPL-SN-526449 ..... c 54 N76-14804 *
US-PATENT-APPL-SN-526450 ..... c 35 N77-14409 *
US-PATENT-APPL-SN-526631 ..... c 10 N71-19471 *
US-PATENT-APPL-SN-526664 ..... c 07 N69-24334 * #
US-PATENT-APPL-SN-526665 ..... c 14 N69-24331 * #
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US-PATENT-APPL-SN-526750 ..... c 71 N85-22105 *
US-PATENT-APPL-SN-526768 ..... c 25 N85-35253 *
US-PATENT-APPL-SN-526770 ..... c 35 N85-21598 *
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US-PATENT-APPL-SN-527462 ..... c 35 N92-33010 *
US-PATENT-APPL-SN-527508 ..... c 37 N91-32514 *
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US-PATENT-APPL-SN-527613 ..... c 37 N86-19604 *
US-PATENT-APPL-SN-527727 ..... c 02 N76-16014 *
US-PATENT-APPL-SN-527728 ..... c 37 N76-18458 *
US-PATENT-APPL-SN-527790 ..... c 33 N76-14372 *
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US-PATENT-APPL-SN-529803 ..... c 33 N86-20668 *
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US-PATENT-APPL-SN-531372 ..... c 72 N91-27936 *
US-PATENT-APPL-SN-531373 ..... c 74 N92-16811 *
US-PATENT-APPL-SN-531374 ..... c 37 N92-28754 *
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US-PATENT-APPL-SN-531565 ..... c 36 N76-24553 *
US-PATENT-APPL-SN-53156 ..... c 10 N71-28860 *
US-PATENT-APPL-SN-531572 ..... c 66 N76-19888 *
US-PATENT-APPL-SN-531575 ..... c 32 N76-31372 *
US-PATENT-APPL-SN-531642 ..... c 25 N71-21693 *
US-PATENT-APPL-SN-531647 ..... c 04 N76-20114 *
US-PATENT-APPL-SN-531647 ..... c 04 N77-19056 *
US-PATENT-APPL-SN-532006 ..... c 23 N71-24857 *
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US-PATENT-APPL-SN-533608 ..... c 32 N76-21366 *
US-PATENT-APPL-SN-533650 ..... c 35 N75-27329 *
US-PATENT-APPL-SN-533659 ..... c 14 N73-30390 *
US-PATENT-APPL-SN-533734 ..... c 33 N77-10428 *
US-PATENT-APPL-SN-534265 ..... c 32 N76-21365 *
US-PATENT-APPL-SN-534266 ..... c 35 N76-24523 *
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US-PATENT-APPL-SN-535169 ..... c 54 N78-17678 *
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US-PATENT-APPL-SN-536210 ..... c 17 N71-24830 *
US-PATENT-APPL-SN-536216 ..... c 10 N71-23315 *
US-PATENT-APPL-SN-536217 ..... c 10 N71-23544 *
US-PATENT-APPL-SN-536535 ..... c 33 N76-14371 *
US-PATENT-APPL-SN-536761 ..... c 33 N76-19338 *
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US-PATENT-APPL-SN-536786 ..... c 44 N77-32581 *
US-PATENT-APPL-SN-537024 ..... c 44 N76-27664 *
US-PATENT-APPL-SN-537480 ..... c 45 N76-31714 *
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US-PATENT-APPL-SN-538168 ..... c 23 N71-16098 *
US-PATENT-APPL-SN-538863 ..... c 54 N78-17680 *
US-PATENT-APPL-SN-538905 ..... c 08 N71-18594 *
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US-PATENT-APPL-SN-538913 ..... c 14 N71-17627 *
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US-PATENT-APPL-SN-538983 ..... c 33 N76-18353 *
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US-PATENT-APPL-SN-539237 ..... c 33 N71-16278 *
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US-PATENT-APPL-SN-539255 ..... c 17 N72-28536 *
US-PATENT-APPL-SN-540414 ..... c 15 N71-22799 *
US-PATENT-APPL-SN-540779 ..... c 33 N79-12331 *
US-PATENT-APPL-SN-540976 ..... c 32 N91-13598 * #
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US-PATENT-APPL-SN-542157 ..... c 20 N76-21276 *
US-PATENT-APPL-SN-542192 ..... c 26 N75-27126 *
US-PATENT-APPL-SN-542232 ..... c 33 N86-19516 *
US-PATENT-APPL-SN-542557 ..... c 44 N85-30474 *
US-PATENT-APPL-SN-54270 ..... c 07 N72-25173 *
US-PATENT-APPL-SN-542713 ..... c 23 N71-23976 *
US-PATENT-APPL-SN-54271 ..... c 02 N73-19004 *
US-PATENT-APPL-SN-542754 ..... c 34 N76-18374 *
US-PATENT-APPL-SN-543206 ..... c 05 N71-23159 *
US-PATENT-APPL-SN-543774 ..... c 06 N69-39733 * #
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US-PATENT-APPL-SN-544899 ..... c 09 N71-20569 *
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US-PATENT-APPL-SN-545014 ..... c 43 N90-26384 * #
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US-PATENT-APPL-SN-545224 ..... c 15 N69-21362 * #
US-PATENT-APPL-SN-545228 ..... c 07 N69-39736 * #
US-PATENT-APPL-SN-545229 ..... c 03 N69-21469 * #
US-PATENT-APPL-SN-545235 ..... c 63 N91-13944 * #
US-PATENT-APPL-SN-545236 ..... c 31 N92-15203 *
US-PATENT-APPL-SN-545282 ..... c 35 N76-24524 *
US-PATENT-APPL-SN-545283 ..... c 32 N77-12239 *
US-PATENT-APPL-SN-545284 ..... c 34 N76-27517 *
US-PATENT-APPL-SN-54540 ..... c 15 N72-29488 *
US-PATENT-APPL-SN-54540 ..... c 37 N74-15125 *
US-PATENT-APPL-SN-54552 ..... c 27 N70-34783 *

US-PATENT-APPL-SN-54552 ..... c 20 N77-17143 *
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US-PATENT-APPL-SN-545805 ..... c 15 N71-21744 *
US-PATENT-APPL-SN-546142 ..... c 09 N69-24329 * #
US-PATENT-APPL-SN-546148 ..... c 11 N71-22875 *
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US-PATENT-APPL-SN-547072 ..... c 15 N71-24043 *
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US-PATENT-APPL-SN-547176 ..... c 37 N85-29286 *
US-PATENT-APPL-SN-547643 ..... c 33 N79-33392 *
US-PATENT-APPL-SN-547677 ..... c 10 N71-20448 *
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US-PATENT-APPL-SN-548559 ..... c 44 N76-29700 *
US-PATENT-APPL-SN-548582 ..... c 39 N86-20841 *
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US-PATENT-APPL-SN-548584 ..... c 24 N84-34571 *
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US-PATENT-APPL-SN-549418 ..... c 36 N76-31512 *
US-PATENT-APPL-SN-549860 ..... c 03 N71-19438 *
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US-PATENT-APPL-SN-550681 ..... c 02 N87-16793 *
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US-PATENT-APPL-SN-551815 ..... c 02 N71-11038 *
US-PATENT-APPL-SN-551846 ..... c 03 N71-20492 *
US-PATENT-APPL-SN-551933 ..... c 33 N71-14032 *
US-PATENT-APPL-SN-551961 ..... c 15 N70-33376 *
US-PATENT-APPL-SN-552108 ..... c 07 N79-14096 *
US-PATENT-APPL-SN-552344 ..... c 09 N69-27463 * #
US-PATENT-APPL-SN-552454 ..... c 35 N76-24525 *
US-PATENT-APPL-SN-552670 ..... c 35 N92-33016 *
US-PATENT-APPL-SN-553339 ..... c 27 N86-20560 *
US-PATENT-APPL-SN-553339 ..... c 27 N87-22845 *
US-PATENT-APPL-SN-55333 ..... c 10 N73-16206 *
US-PATENT-APPL-SN-553687 ..... c 44 N76-29704 *
US-PATENT-APPL-SN-553891 ..... c 23 N71-16341 *
US-PATENT-APPL-SN-554277 ..... c 07 N71-26579 *
US-PATENT-APPL-SN-554897 ..... c 15 N71-22982 *
US-PATENT-APPL-SN-554899 ..... c 15 N70-33382 *
US-PATENT-APPL-SN-554949 ..... c 06 N71-20717 *
US-PATENT-APPL-SN-554950 ..... c 17 N71-23248 *
US-PATENT-APPL-SN-554959 ..... c 27 N79-21191 *
US-PATENT-APPL-SN-555189 ..... c 08 N71-27255 *
US-PATENT-APPL-SN-555336 ..... c 33 N76-27473 *
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US-PATENT-APPL-SN-55535 ..... c 14 N73-20474 *
US-PATENT-APPL-SN-55536 ..... c 14 N72-29464 *
US-PATENT-APPL-SN-55537 ..... c 18 N72-25540 *
US-PATENT-APPL-SN-555641 ..... c 51 N76-29891 *
US-PATENT-APPL-SN-555750 ..... c 27 N79-12221 *
US-PATENT-APPL-SN-555864 ..... c 26 N91-13527 * #
US-PATENT-APPL-SN-555865 ..... c 33 N91-13622 * #
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US-PATENT-APPL-SN-556513 ..... c 33 N85-29143 *
US-PATENT-APPL-SN-556514 ..... c 35 N86-25753 *
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US-PATENT-APPL-SN-556830 ..... c 15 N71-26294 *
US-PATENT-APPL-SN-557016 ..... c 15 N71-23086 *
US-PATENT-APPL-SN-557430 ..... c 52 N77-14737 *
US-PATENT-APPL-SN-557448 ..... c 45 N76-17656 *
US-PATENT-APPL-SN-557565 ..... c 24 N77-27187 *
US-PATENT-APPL-SN-557584 ..... c 09 N71-20851 *
US-PATENT-APPL-SN-557861 ..... c 03 N71-24605 *
US-PATENT-APPL-SN-557868 ..... c 14 N70-41682 *
US-PATENT-APPL-SN-557871 ..... c 10 N71-21483 *
US-PATENT-APPL-SN-55806 ..... c 06 N72-31140 *
US-PATENT-APPL-SN-558600 ..... c 74 N77-10899 *
US-PATENT-APPL-SN-559055 ..... c 33 N71-29046 *
US-PATENT-APPL-SN-559349 ..... c 33 N71-24145 *
US-PATENT-APPL-SN-559350 ..... c 33 N71-28892 *
US-PATENT-APPL-SN-559351 ..... c 14 N69-39785 * #
US-PATENT-APPL-SN-559845 ..... c 35 N76-29551 *
US-PATENT-APPL-SN-559846 ..... c 34 N79-13289 *
US-PATENT-APPL-SN-559846 ..... c 34 N80-24573 *
US-PATENT-APPL-SN-559847 ..... c 34 N79-13288 *
US-PATENT-APPL-SN-559988 ..... c 71 N85-29693 *
US-PATENT-APPL-SN-560035 ..... c 24 N85-30027 *
US-PATENT-APPL-SN-560691 ..... c 32 N91-27439 *
US-PATENT-APPL-SN-560717 ..... c 27 N92-33014 *
US-PATENT-APPL-SN-560891 ..... c 73 N78-19920 *
US-PATENT-APPL-SN-560908 ..... c 31 N91-27385 *
US-PATENT-APPL-SN-560923 ..... c 02 N92-28729 *
US-PATENT-APPL-SN-560924 ..... c 74 N91-25840 *
US-PATENT-APPL-SN-560926 ..... c 24 N92-21725 *
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US-PATENT-APPL-SN-561223 ..... c 14 N71-20427 *
US-PATENT-APPL-SN-561369 ..... c 35 N84-33766 *
US-PATENT-APPL-SN-561429 ..... c 27 N85-21351 *
US-PATENT-APPL-SN-561431 ..... c 27 N85-21350 *
US-PATENT-APPL-SN-561432 ..... c 20 N86-26368 *
US-PATENT-APPL-SN-561433 ..... c 35 N86-20752 *
US-PATENT-APPL-SN-561434 ..... c 25 N85-30039 *
US-PATENT-APPL-SN-561435 ..... c 27 N85-21352 *
US-PATENT-APPL-SN-561764 ..... c 32 N77-10392 *
US-PATENT-APPL-SN-561956 ..... c 35 N77-17426 *
US-PATENT-APPL-SN-562095 ..... c 52 N92-28755 *
US-PATENT-APPL-SN-562443 ..... c 09 N69-39734 * #
US-PATENT-APPL-SN-562444 ..... c 14 N71-22995 *
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US-PATENT-APPL-SN-562499 ..... c 32 N77-31350 *
US-PATENT-APPL-SN-562558 ..... c 31 N79-21227 *
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US-PATENT-APPL-SN-563050 ..... c 37 N76-31524 *
US-PATENT-APPL-SN-563283 ..... c 35 N76-18401 *
US-PATENT-APPL-SN-563644 ..... c 15 N71-18613 *
US-PATENT-APPL-SN-563646 ..... c 05 N71-23096 *
US-PATENT-APPL-SN-563648 ..... c 15 N71-17803 *
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US-PATENT-APPL-SN-563890 ..... c 35 N85-34373 *
US-PATENT-APPL-SN-564622 ..... c 37 N77-31497 *
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US-PATENT-APPL-SN-565162 ..... c 35 N79-14348 *
US-PATENT-APPL-SN-565289 ..... c 38 N77-17495 *
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US-PATENT-APPL-SN-566392 ..... c 14 N71-23175 *
US-PATENT-APPL-SN-566397 ..... c 05 N71-23161 *
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US-PATENT-APPL-SN-566494 ..... c 32 N77-30309 *
US-PATENT-APPL-SN-566495 ..... c 33 N77-17351 *
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US-PATENT-APPL-SN-584072 ..... c 15 N69-39786 * #
US-PATENT-APPL-SN-584094 ..... c 26 N77-20201 *
US-PATENT-APPL-SN-584914 ..... c 54 N78-17679 *
US-PATENT-APPL-SN-585217 ..... c 54 N78-17677 *
US-PATENT-APPL-SN-585420 ..... c 35 N76-31489 *
US-PATENT-APPL-SN-585627 ..... c 52 N91-14709 *
US-PATENT-APPL-SN-585988 ..... c 33 N75-29318 *
US-PATENT-APPL-SN-586324 ..... c 05 N71-26293 *
US-PATENT-APPL-SN-586325 ..... c 31 N71-24315 *
US-PATENT-APPL-SN-586329 ..... c 05 N71-24623 *
US-PATENT-APPL-SN-586330 ..... c 05 N71-12344 *
US-PATENT-APPL-SN-586369 ..... c 74 N92-33017 *
US-PATENT-APPL-SN-587749 ..... c 60 N88-29310 *
US-PATENT-APPL-SN-587764 ..... c 18 N86-24729 *
US-PATENT-APPL-SN-587890 ..... c 25 N92-25399 * #
US-PATENT-APPL-SN-587919 ..... c 54 N91-13879 * #
US-PATENT-APPL-SN-587920 ..... c 71 N91-16707 * #

US-PATENT-APPL-SN-63384 ..... c 05 N72-22093 *
US-PATENT-APPL-SN-633876 ..... c 27 N78-19302 *
US-PATENT-APPL-SN-633877 ..... c 27 N77-13217 *
US-PATENT-APPL-SN-634038 ..... c 25 N71-16073 *
US-PATENT-APPL-SN-634040 ..... c 15 N71-19489 *
US-PATENT-APPL-SN-634060 ..... c 09 N69-39897 * #
US-PATENT-APPL-SN-634205 ..... c 35 N77-14406 *
US-PATENT-APPL-SN-634214 ..... c 73 N78-28913 *
US-PATENT-APPL-SN-634304 ..... c 27 N79-18052 *
US-PATENT-APPL-SN-635325 ..... c 14 N69-27431 * #
US-PATENT-APPL-SN-635326 ..... c 14 N71-18482 *
US-PATENT-APPL-SN-635327 ..... c 12 N69-39988 * #
US-PATENT-APPL-SN-635328 ..... c 09 N69-21467 * #
US-PATENT-APPL-SN-63532 ..... c 08 N72-25209 *
US-PATENT-APPL-SN-635519 ..... c 35 N77-24455 *
US-PATENT-APPL-SN-635531 ..... c 33 N77-14334 *
US-PATENT-APPL-SN-635970 ..... c 15 N69-21465 * #
US-PATENT-APPL-SN-635972 ..... c 18 N71-23710 *
US-PATENT-APPL-SN-636076 ..... c 35 N92-29156 *
US-PATENT-APPL-SN-63610 ..... c 06 N72-25147 *
US-PATENT-APPL-SN-636193 ..... c 74 N78-15880 *
US-PATENT-APPL-SN-636459 ..... c 44 N87-21410 *
US-PATENT-APPL-SN-636463 ..... c 20 N87-16875 *
US-PATENT-APPL-SN-636465 ..... c 37 N85-29284 *
US-PATENT-APPL-SN-636531 ..... c 37 N92-33018 *
US-PATENT-APPL-SN-636532 ..... c 37 N92-29140 *
US-PATENT-APPL-SN-636796 ..... c 35 N78-17358 *
US-PATENT-APPL-SN-636878 ..... c 14 N71-20442 *
US-PATENT-APPL-SN-637247 ..... c 35 N77-10493 *
US-PATENT-APPL-SN-637249 ..... c 38 N76-28563 *
US-PATENT-APPL-SN-637268 ..... c 47 N77-10753 *
US-PATENT-APPL-SN-637269 ..... c 52 N77-28717 *
US-PATENT-APPL-SN-637882 ..... c 15 N71-17650 *
US-PATENT-APPL-SN-638192 ..... c 10 N71-26415 *
US-PATENT-APPL-SN-638194 ..... c 33 N71-21507 *
US-PATENT-APPL-SN-638541 ..... c 33 N86-20671 *
US-PATENT-APPL-SN-638584 ..... c 33 N86-20670 *
US-PATENT-APPL-SN-638586 ..... c 32 N87-21207 *
US-PATENT-APPL-SN-638600 ..... c 25 N92-33029 *
US-PATENT-APPL-SN-638707 ..... c 14 N69-27486 * #
US-PATENT-APPL-SN-639589 ..... c 28 N70-33372 *
US-PATENT-APPL-SN-640154 ..... c 09 N71-18600 *
US-PATENT-APPL-SN-640447 ..... c 15 N71-19486 *
US-PATENT-APPL-SN-640448 ..... c 08 N71-19420 *
US-PATENT-APPL-SN-640449 ..... c 09 N71-19516 *
US-PATENT-APPL-SN-640450 ..... c 15 N71-17694 *
US-PATENT-APPL-SN-640452 ..... c 09 N71-12513 *
US-PATENT-APPL-SN-640453 ..... c 23 N71-16099 *
US-PATENT-APPL-SN-640454 ..... c 06 N71-11238 *
US-PATENT-APPL-SN-640455 ..... c 10 N71-23099 *
US-PATENT-APPL-SN-640456 ..... c 03 N71-26726 *
US-PATENT-APPL-SN-640457 ..... c 03 N71-11052 *
US-PATENT-APPL-SN-640458 ..... c 15 N71-23811 *
US-PATENT-APPL-SN-640459 ..... c 10 N71-18723 *
US-PATENT-APPL-SN-640460 ..... c 14 N69-21541 * #
US-PATENT-APPL-SN-640462 ..... c 15 N71-20443 *
US-PATENT-APPL-SN-640712 ..... c 24 N85-35233 *
US-PATENT-APPL-SN-640775 ..... c 35 N92-22039 *
US-PATENT-APPL-SN-640781 ..... c 03 N69-25146 * #
US-PATENT-APPL-SN-640783 ..... c 09 N71-26000 *
US-PATENT-APPL-SN-640784 ..... c 15 N69-39935 * #
US-PATENT-APPL-SN-640785 ..... c 09 N69-24333 * #
US-PATENT-APPL-SN-640786 ..... c 15 N71-24695 *
US-PATENT-APPL-SN-640787 ..... c 28 N71-24321 *
US-PATENT-APPL-SN-640788 ..... c 15 N69-27502 * #
US-PATENT-APPL-SN-640789 ..... c 15 N69-27504 * #
US-PATENT-APPL-SN-641142 ..... c 23 N86-32525 *
US-PATENT-APPL-SN-641143 ..... c 27 N85-34280 *
US-PATENT-APPL-SN-641146 ..... c 76 N87-13313 *
US-PATENT-APPL-SN-641147 ..... c 27 N87-23751 *
US-PATENT-APPL-SN-641152 ..... c 23 N87-28605 *
US-PATENT-APPL-SN-641152 ..... c 23 N90-20133 *
US-PATENT-APPL-SN-641152 ..... c 23 N90-23475 *
US-PATENT-APPL-SN-641153 ..... c 27 N86-32568 * #
US-PATENT-APPL-SN-641420 ..... c 03 N71-23449 *
US-PATENT-APPL-SN-641431 ..... c 30 N71-16090 *
US-PATENT-APPL-SN-641441 ..... c 08 N71-18751 *
US-PATENT-APPL-SN-641784 ..... c 37 N77-32499 *
US-PATENT-APPL-SN-641798 ..... c 76 N92-22041 *
US-PATENT-APPL-SN-641802 ..... c 34 N77-30399 *
US-PATENT-APPL-SN-641803 ..... c 35 N78-18391 *
US-PATENT-APPL-SN-64224 ..... c 17 N70-38490 *
US-PATENT-APPL-SN-64226 ..... c 17 N70-38198 *
US-PATENT-APPL-SN-642310 ..... c 44 N86-19721 *
US-PATENT-APPL-SN-642602 ..... c 54 N86-29507 * #
US-PATENT-APPL-SN-642765 ..... c 76 N92-22040 *
US-PATENT-APPL-SN-643041 ..... c 44 N78-19599 *
US-PATENT-APPL-SN-643043 ..... c 35 N78-13400 *
US-PATENT-APPL-SN-643332 ..... c 15 N71-14932 *
US-PATENT-APPL-SN-643522 ..... c 16 N86-26352 *
US-PATENT-APPL-SN-643524 ..... c 27 N86-29039 *
US-PATENT-APPL-SN-643589 ..... c 27 N86-31727 *
US-PATENT-APPL-SN-643629 ..... c 27 N92-34160 *
US-PATENT-APPL-SN-643897 ..... c 73 N78-32848 *
US-PATENT-APPL-SN-64391 ..... c 31 N72-25842 *
US-PATENT-APPL-SN-644444 ..... c 09 N71-18721 *
US-PATENT-APPL-SN-644446 ..... c 14 N71-24693 *
US-PATENT-APPL-SN-644447 ..... c 14 N71-24234 *
US-PATENT-APPL-SN-644448 ..... c 17 N69-25147 * #
US-PATENT-APPL-SN-644799 ..... c 17 N71-15468 *
US-PATENT-APPL-SN-645089 ..... c 23 N92-29141 *
US-PATENT-APPL-SN-645500 ..... c 74 N77-28932 *
US-PATENT-APPL-SN-645502 ..... c 24 N79-25143 *
US-PATENT-APPL-SN-645507 ..... c 26 N77-32280 *
US-PATENT-APPL-SN-645508 ..... c 44 N77-14580 *
US-PATENT-APPL-SN-645510 ..... c 32 N77-30308 *
US-PATENT-APPL-SN-645563 ..... c 31 N71-20396 *
US-PATENT-APPL-SN-645571 ..... c 35 N77-14407 *
US-PATENT-APPL-SN-645573 ..... c 24 N71-25555 *
US-PATENT-APPL-SN-645584 ..... c 08 N71-12494 *
US-PATENT-APPL-SN-645972 ..... c 33 N92-15331 *
US-PATENT-APPL-SN-646044 ..... c 37 N85-34403 *
US-PATENT-APPL-SN-646124 ..... c 15 N71-23817 *
US-PATENT-APPL-SN-646333 ..... c 35 N80-26635 *
US-PATENT-APPL-SN-646424 ..... c 07 N69-27460 * #
US-PATENT-APPL-SN-646704 ..... c 36 N77-25499 *
US-PATENT-APPL-SN-646934 ..... c 08 N71-18692 *
US-PATENT-APPL-SN-64709 ..... c 10 N72-28240 *
US-PATENT-APPL-SN-64723 ..... c 07 N72-25170 *
US-PATENT-APPL-SN-647298 ..... c 31 N71-16102 *
US-PATENT-APPL-SN-647902 ..... c 07 N91-23180 * #
US-PATENT-APPL-SN-648034 ..... c 09 N79-21083 *
US-PATENT-APPL-SN-648700 ..... c 74 N78-13874 *
US-PATENT-APPL-SN-648772 ..... c 37 N92-21726 *
US-PATENT-APPL-SN-648933 ..... c 25 N92-28756 *
US-PATENT-APPL-SN-649075 ..... c 14 N71-15600 *
US-PATENT-APPL-SN-649076 ..... c 08 N71-24890 *
US-PATENT-APPL-SN-649078 ..... c 07 N71-19493 *
US-PATENT-APPL-SN-649327 ..... c 33 N87-25531 *
US-PATENT-APPL-SN-649328 ..... c 27 N86-19456 *
US-PATENT-APPL-SN-649329 ..... c 05 N84-33400 * #
US-PATENT-APPL-SN-649330 ..... c 27 N86-19458 *
US-PATENT-APPL-SN-649356 ..... c 09 N71-23189 *
US-PATENT-APPL-SN-649357 ..... c 08 N71-12500 *
US-PATENT-APPL-SN-649358 ..... c 07 N71-11267 *
US-PATENT-APPL-SN-649359 ..... c 15 N71-18701 *
US-PATENT-APPL-SN-649360 ..... c 23 N71-16365 *
US-PATENT-APPL-SN-650166 ..... c 09 N71-23191 *
US-PATENT-APPL-SN-650336 ..... c 23 N92-10066 * #
US-PATENT-APPL-SN-651002 ..... c 08 N79-14108 *
US-PATENT-APPL-SN-651007 ..... c 74 N78-17865 *
US-PATENT-APPL-SN-651009 ..... c 26 N78-18182 *
US-PATENT-APPL-SN-651062 ..... c 27 N92-11199 * #
US-PATENT-APPL-SN-651627 ..... c 26 N72-25679 *
US-PATENT-APPL-SN-651972 ..... c 27 N74-23125 *
US-PATENT-APPL-SN-652948 ..... c 52 N77-14736 *
US-PATENT-APPL-SN-652979 ..... c 45 N82-11634 *
US-PATENT-APPL-SN-653277 ..... c 31 N71-23912 *
US-PATENT-APPL-SN-653278 ..... c 14 N69-27503 * #
US-PATENT-APPL-SN-653316 ..... c 25 N77-32255 *
US-PATENT-APPL-SN-653422 ..... c 35 N77-20401 *
US-PATENT-APPL-SN-653578 ..... c 60 N92-12438 * #
US-PATENT-APPL-SN-653605 ..... c 74 N92-29117 *
US-PATENT-APPL-SN-653682 ..... c 39 N78-10493 *
US-PATENT-APPL-SN-654454 ..... c 37 N92-21500 *
US-PATENT-APPL-SN-654704 ..... c 31 N92-16161 *
US-PATENT-APPL-SN-654787 ..... c 07 N77-32148 *
US-PATENT-APPL-SN-655149 ..... c 07 N77-23106 *
US-PATENT-APPL-SN-65548 ..... c 18 N70-39897 *
US-PATENT-APPL-SN-655601 ..... c 32 N86-27513 *
US-PATENT-APPL-SN-655605 ..... c 52 N87-24874 *
US-PATENT-APPL-SN-655606 ..... c 32 N89-14374 *
US-PATENT-APPL-SN-655675 ..... c 17 N71-24142 *
US-PATENT-APPL-SN-655677 ..... c 08 N71-19432 *
US-PATENT-APPL-SN-655724 ..... c 15 N71-22706 *
US-PATENT-APPL-SN-656925 ..... c 37 N91-23492 * #
US-PATENT-APPL-SN-656952 ..... c 09 N71-12519 *
US-PATENT-APPL-SN-656953 ..... c 14 N71-17585 *
US-PATENT-APPL-SN-656993 ..... c 09 N71-24843 *
US-PATENT-APPL-SN-656995 ..... c 21 N71-14132 *
US-PATENT-APPL-SN-657309 ..... c 31 N86-29055 *
US-PATENT-APPL-SN-657310 ..... c 35 N87-14670 *
US-PATENT-APPL-SN-657586 ..... c 37 N91-26542 * #
US-PATENT-APPL-SN-657598 ..... c 37 N92-21727 *
US-PATENT-APPL-SN-657742 ..... c 18 N71-26100 *
US-PATENT-APPL-SN-657790 ..... c 33 N92-29153 *
US-PATENT-APPL-SN-657903 ..... c 07 N83-33884 *
US-PATENT-APPL-SN-657907 ..... c 27 N78-17213 *
US-PATENT-APPL-SN-657995 ..... c 35 N77-22450 *
US-PATENT-APPL-SN-657996 ..... c 60 N78-10709 *
US-PATENT-APPL-SN-657997 ..... c 60 N77-32731 *
US-PATENT-APPL-SN-657998 ..... c 27 N78-32262 *
US-PATENT-APPL-SN-658132 ..... c 44 N77-32580 *
US-PATENT-APPL-SN-658133 ..... c 71 N78-10837 *
US-PATENT-APPL-SN-65840 ..... c 10 N72-20225 *
US-PATENT-APPL-SN-658449 ..... c 32 N77-20289 *
US-PATENT-APPL-SN-658450 ..... c 37 N77-22482 *
US-PATENT-APPL-SN-658477 ..... c 71 N92-10609 * #
US-PATENT-APPL-SN-658487 ..... c 37 N81-25371 *
US-PATENT-APPL-SN-658911 ..... c 16 N92-16007 *
US-PATENT-APPL-SN-658955 ..... c 14 N71-15605 *
US-PATENT-APPL-SN-658956 ..... c 15 N71-15607 *
US-PATENT-APPL-SN-658957 ..... c 14 N71-17584 *
US-PATENT-APPL-SN-658964 ..... c 19 N71-26674 *
US-PATENT-APPL-SN-658999 ..... c 44 N82-24645 *
US-PATENT-APPL-SN-659474 ..... c 35 N86-26595 *
US-PATENT-APPL-SN-659475 ..... c 31 N86-32587 *
US-PATENT-APPL-SN-659882 ..... c 37 N78-13436 *
US-PATENT-APPL-SN-66004 ..... c 15 N72-25450 *
US-PATENT-APPL-SN-660371 ..... c 32 N92-29124 *
US-PATENT-APPL-SN-660571 ..... c 26 N71-23654 *
US-PATENT-APPL-SN-660572 ..... c 15 N71-15571 *
US-PATENT-APPL-SN-660573 ..... c 15 N71-28936 *
US-PATENT-APPL-SN-660755 ..... c 37 N91-23493 * #
US-PATENT-APPL-SN-660841 ..... c 14 N71-15621 *
US-PATENT-APPL-SN-660842 ..... c 14 N71-23726 *
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US-PATENT-APPL-SN-6610 ..... c 15 N72-22492 *
US-PATENT-APPL-SN-661170 ..... c 14 N71-24809 *
US-PATENT-APPL-SN-661481 ..... c 26 N88-14179 *
US-PATENT-APPL-SN-6615 ..... c 03 N72-25019 *
US-PATENT-APPL-SN-6616 ..... c 03 N72-22042 *
US-PATENT-APPL-SN-6617 ..... c 15 N72-22488 *
US-PATENT-APPL-SN-66206 ..... c 11 N73-13257 *
US-PATENT-APPL-SN-662175 ..... c 09 N77-27131 *
US-PATENT-APPL-SN-662176 ..... c 32 N77-21267 *
US-PATENT-APPL-SN-662181 ..... c 25 N82-21269 *
US-PATENT-APPL-SN-662182 ..... c 37 N78-27424 *
US-PATENT-APPL-SN-662182 ..... c 35 N79-26372 *
US-PATENT-APPL-SN-662763 ..... c 15 N73-12489 *
US-PATENT-APPL-SN-662828 ..... c 11 N71-18578 *
US-PATENT-APPL-SN-662829 ..... c 15 N71-15597 *
US-PATENT-APPL-SN-663008 ..... c 37 N77-28486 *
US-PATENT-APPL-SN-663180 ..... c 10 N71-23663 *
US-PATENT-APPL-SN-663840 ..... c 27 N86-20561 *
US-PATENT-APPL-SN-664008 ..... c 54 N92-16559 *
US-PATENT-APPL-SN-664091 ..... c 43 N79-17288 *
US-PATENT-APPL-SN-664194 ..... c 39 N92-10202 * #
US-PATENT-APPL-SN-665032 ..... c 74 N77-22950 *
US-PATENT-APPL-SN-665033 ..... c 20 N77-20162 *
US-PATENT-APPL-SN-665209 ..... c 14 N71-23725 *
US-PATENT-APPL-SN-665509 ..... c 74 N92-29122 *
US-PATENT-APPL-SN-665676 ..... c 14 N71-19568 *
US-PATENT-APPL-SN-665679 ..... c 15 N71-20395 *
US-PATENT-APPL-SN-665680 ..... c 24 N71-16213 *
US-PATENT-APPL-SN-665681 ..... c 15 N71-18616 *
US-PATENT-APPL-SN-665734 ..... c 35 N78-18390 *
US-PATENT-APPL-SN-666536 ..... c 33 N91-28490 * #
US-PATENT-APPL-SN-666551 ..... c 14 N71-23698 *
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US-PATENT-APPL-SN-666554 ..... c 33 N71-16104 *
US-PATENT-APPL-SN-666555 ..... c 07 N71-24614 *
US-PATENT-APPL-SN-666992 ..... c 27 N77-30236 *
US-PATENT-APPL-SN-667010 ..... c 34 N77-27345 *
US-PATENT-APPL-SN-667625 ..... c 31 N71-15674 *
US-PATENT-APPL-SN-667636 ..... c 03 N71-20491 *
US-PATENT-APPL-SN-667637 ..... c 28 N71-14044 *
US-PATENT-APPL-SN-667928 ..... c 35 N77-30436 *
US-PATENT-APPL-SN-667929 ..... c 35 N79-14346 *
US-PATENT-APPL-SN-667930 ..... c 32 N77-28346 *
US-PATENT-APPL-SN-668116 ..... c 35 N76-16391 *
US-PATENT-APPL-SN-668238 ..... c 15 N71-15608 *
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US-PATENT-APPL-SN-668257 ..... c 23 N71-16100 *
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US-PATENT-APPL-SN-668771 ..... c 35 N78-32397 *
US-PATENT-APPL-SN-668783 ..... c 28 N80-10374 *
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US-PATENT-APPL-SN-668971 ..... c 07 N78-33101 *
US-PATENT-APPL-SN-669140 ..... c 44 N86-32875 *
US-PATENT-APPL-SN-669336 ..... c 15 N71-17651 *
US-PATENT-APPL-SN-669911 ..... c 33 N78-17295 *
US-PATENT-APPL-SN-669928 ..... c 44 N77-22607 *
US-PATENT-APPL-SN-670814 ..... c 03 N71-19545 *
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US-PATENT-APPL-SN-672220 ..... c 31 N78-17237 *
US-PATENT-APPL-SN-672221 ..... c 07 N78-27121 *
US-PATENT-APPL-SN-672222 ..... c 07 N78-25090 *
US-PATENT-APPL-SN-672223 ..... c 51 N78-27733 *
US-PATENT-APPL-SN-672224 ..... c 37 N86-25790 *
US-PATENT-APPL-SN-672382 ..... c 15 N71-23815 *
US-PATENT-APPL-SN-672383 ..... c 15 N71-24045 *
US-PATENT-APPL-SN-672384 ..... c 15 N71-27067 *
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US-PATENT-APPL-SN-672636 ..... c 37 N79-11405 *

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US-PATENT-APPL-SN-674194 ..... c 27 N78-17215 *
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US-PATENT-APPL-SN-676432 ..... c 28 N80-20402 *
US-PATENT-APPL-SN-676432 ..... c 28 N81-14103 *
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US-PATENT-APPL-SN-676910 ..... c 44 N92-29143 *
US-PATENT-APPL-SN-676957 ..... c 32 N77-18307 *
US-PATENT-APPL-SN-676958 ..... c 54 N76-22914 *
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US-PATENT-APPL-SN-677182 ..... c 33 N92-33030 *
US-PATENT-APPL-SN-67730 ..... c 15 N73-13463 *
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US-PATENT-APPL-SN-677352 ..... c 43 N78-10529 *
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US-PATENT-APPL-SN-677476 ..... c 14 N71-17586 *
US-PATENT-APPL-SN-677505 ..... c 09 N71-13521 *
US-PATENT-APPL-SN-677506 ..... c 16 N71-15567 *
US-PATENT-APPL-SN-677508 ..... c 16 N71-15551 *
US-PATENT-APPL-SN-67815 ..... c 28 N72-22771 *
US-PATENT-APPL-SN-678520 ..... c 20 N78-24275 *
US-PATENT-APPL-SN-678551 ..... c 37 N92-33031 *
US-PATENT-APPL-SN-678553 ..... c 14 N91-28184 * #
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US-PATENT-APPL-SN-679862 ..... c 20 N71-16340 *
US-PATENT-APPL-SN-679885 ..... c 09 N71-12521 *
US-PATENT-APPL-SN-679980 ..... c 44 N82-24642 *
US-PATENT-APPL-SN-679987 ..... c 44 N82-24644 *
US-PATENT-APPL-SN-679996 ..... c 44 N82-24643 *
US-PATENT-APPL-SN-680015 ..... c 52 N79-14750 *
US-PATENT-APPL-SN-680048 ..... c 44 N82-24641 *
US-PATENT-APPL-SN-680067 ..... c 07 N77-27116 *
US-PATENT-APPL-SN-68023 ..... c 05 N72-33096 *
US-PATENT-APPL-SN-68024 ..... c 17 N72-22535 *
US-PATENT-APPL-SN-680605 ..... c 37 N91-14616 *
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US-PATENT-APPL-SN-680939 ..... c 44 N78-10554 *
US-PATENT-APPL-SN-680957 ..... c 35 N77-27366 *
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US-PATENT-APPL-SN-681001 ..... c 74 N76-22993 *
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US-PATENT-APPL-SN-681288 ..... c 36 N92-16290 *
US-PATENT-APPL-SN-681687 ..... c 03 N71-20273 *
US-PATENT-APPL-SN-681692 ..... c 08 N71-12506 *
US-PATENT-APPL-SN-681693 ..... c 09 N71-18598 *
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US-PATENT-APPL-SN-682435 ..... c 27 N77-32308 *
US-PATENT-APPL-SN-683073 ..... c 44 N81-29525 *
US-PATENT-APPL-SN-683073 ..... c 44 N82-28780 *
US-PATENT-APPL-SN-683101 ..... c 33 N87-21235 *
US-PATENT-APPL-SN-683111 ..... c 33 N87-22894 *
US-PATENT-APPL-SN-683465 ..... c 27 N82-29451 *
US-PATENT-APPL-SN-683507 ..... c 15 N71-15609 *
US-PATENT-APPL-SN-683606 ..... c 09 N71-24717 *
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US-PATENT-APPL-SN-684171 ..... c 26 N78-18183 *
US-PATENT-APPL-SN-684178 ..... c 15 N71-23812 *
US-PATENT-APPL-SN-684186 ..... c 35 N88-29150 *
US-PATENT-APPL-SN-684190 ..... c 54 N86-28619 *
US-PATENT-APPL-SN-684192 ..... c 54 N86-28620 *
US-PATENT-APPL-SN-684193 ..... c 54 N86-28618 *
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US-PATENT-APPL-SN-684894 ..... c 17 N71-26773 *
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US-PATENT-APPL-SN-685062 ..... c 35 N92-22038 *
US-PATENT-APPL-SN-685463 ..... c 15 N71-23254 *
US-PATENT-APPL-SN-685473 ..... c 17 N71-16044 *
US-PATENT-APPL-SN-685497 ..... c 07 N69-39974 * #
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US-PATENT-APPL-SN-685748 ..... c 07 N71-11282 *
US-PATENT-APPL-SN-685750 ..... c 27 N71-16392 *
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US-PATENT-APPL-SN-685766 ..... c 15 N69-21924 * #
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US-PATENT-APPL-SN-686209 ..... c 15 N71-23809 *
US-PATENT-APPL-SN-686248 ..... c 14 N71-26774 *
US-PATENT-APPL-SN-686263 ..... c 39 N92-28757 *
US-PATENT-APPL-SN-686296 ..... c 18 N71-14014 *
US-PATENT-APPL-SN-686331 ..... c 38 N78-32447 *
US-PATENT-APPL-SN-686344 ..... c 15 N71-17688 *
US-PATENT-APPL-SN-686449 ..... c 34 N78-18355 *
US-PATENT-APPL-SN-686796 ..... c 15 N70-33311 *
US-PATENT-APPL-SN-686933 ..... c 14 N71-17588 *
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US-PATENT-APPL-SN-687251 ..... c 52 N79-12694 *
US-PATENT-APPL-SN-687606 ..... c 37 N92-29092 *
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US-PATENT-APPL-SN-688742 ..... c 15 N71-20441 *
US-PATENT-APPL-SN-688743 ..... c 15 N71-20393 *
US-PATENT-APPL-SN-688805 ..... c 14 N71-17701 *
US-PATENT-APPL-SN-688807 ..... c 03 N71-23239 *
US-PATENT-APPL-SN-688852 ..... c 44 N78-28594 *
US-PATENT-APPL-SN-688854 ..... c 54 N77-32722 *
US-PATENT-APPL-SN-688856 ..... c 54 N78-32720 *
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US-PATENT-APPL-SN-689455 ..... c 54 N74-32546 *
US-PATENT-APPL-SN-690163 ..... c 14 N71-18465 *
US-PATENT-APPL-SN-690172 ..... c 11 N72-22245 *
US-PATENT-APPL-SN-690198 ..... c 35 N92-29097 *
US-PATENT-APPL-SN-690273 ..... c 20 N87-14420 *
US-PATENT-APPL-SN-690274 ..... c 05 N87-14314 *
US-PATENT-APPL-SN-690815 ..... c 32 N77-24328 *
US-PATENT-APPL-SN-690816 ..... c 37 N78-25426 *
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US-PATENT-APPL-SN-690998 ..... c 30 N71-15990 *
US-PATENT-APPL-SN-691046 ..... c 36 N77-25501 *
US-PATENT-APPL-SN-691256 ..... c 35 N77-31465 *
US-PATENT-APPL-SN-691609 ..... c 37 N92-29099 *
US-PATENT-APPL-SN-691610 ..... c 18 N91-25167 * #
US-PATENT-APPL-SN-691647 ..... c 52 N82-11770 *
US-PATENT-APPL-SN-691735 ..... c 09 N71-12520 *
US-PATENT-APPL-SN-691736 ..... c 18 N71-16210 *
US-PATENT-APPL-SN-691737 ..... c 07 N71-24742 *
US-PATENT-APPL-SN-691738 ..... c 08 N71-18694 *
US-PATENT-APPL-SN-691739 ..... c 32 N71-15974 *
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US-PATENT-APPL-SN-691936 ..... c 26 N77-32279 *
US-PATENT-APPL-SN-69209 ..... c 15 N72-21463 *
US-PATENT-APPL-SN-692284 ..... c 27 N78-14164 *
US-PATENT-APPL-SN-692331 ..... c 10 N71-26326 *
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US-PATENT-APPL-SN-692413 ..... c 25 N78-25148 *
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US-PATENT-APPL-SN-692471 ..... c 09 N71-12518 *
US-PATENT-APPL-SN-692636 ..... c 27 N81-24258 *
US-PATENT-APPL-SN-692745 ..... c 36 N87-17026 *
US-PATENT-APPL-SN-692801 ..... c 37 N87-22977 *
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US-PATENT-APPL-SN-692802 ..... c 37 N87-17034 *
US-PATENT-APPL-SN-692875 ..... c 37 N86-20788 *
US-PATENT-APPL-SN-693049 ..... c 74 N92-29158 *
US-PATENT-APPL-SN-693074 ..... c 44 N78-24609 *
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US-PATENT-APPL-SN-693420 ..... c 31 N71-16080 *
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US-PATENT-APPL-SN-694406 ..... c 35 N79-10389 *
US-PATENT-APPL-SN-694407 ..... c 27 N80-23452 *
US-PATENT-APPL-SN-694855 ..... c 33 N77-30365 *
US-PATENT-APPL-SN-69488 ..... c 23 N75-14834 *
US-PATENT-APPL-SN-695513 ..... c 07 N78-25089 *
US-PATENT-APPL-SN-695973 ..... c 05 N71-12343 *
US-PATENT-APPL-SN-696374 ..... c 44 N80-29835 *
US-PATENT-APPL-SN-696679 ..... c 38 N79-14398 *
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US-PATENT-APPL-SN-697075 ..... c 15 N71-27184 *
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US-PATENT-APPL-SN-698239 ..... c 33 N78-17294 *
US-PATENT-APPL-SN-698279 ..... c 37 N87-22976 *
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US-PATENT-APPL-SN-698630 ..... c 09 N71-24841 *
US-PATENT-APPL-SN-698641 ..... c 74 N86-28732 *
US-PATENT-APPL-SN-698646 ..... c 24 N78-15180 *
US-PATENT-APPL-SN-699002 ..... c 32 N78-15323 *
US-PATENT-APPL-SN-699012 ..... c 33 N78-27326 *
US-PATENT-APPL-SN-699130 ..... c 27 N91-25298 * #
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US-PATENT-APPL-SN-700142 ..... c 21 N71-14159 *
US-PATENT-APPL-SN-700174 ..... c 02 N71-20570 *
US-PATENT-APPL-SN-700255 ..... c 33 N87-21234 *
US-PATENT-APPL-SN-70032 ..... c 11 N73-12264 *
US-PATENT-APPL-SN-700379 ..... c 74 N91-32924 * #
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US-PATENT-APPL-SN-706565 ..... c 76 N87-25862 *
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US-PATENT-APPL-SN-708796 ..... c 36 N78-18410 *
US-PATENT-APPL-SN-708800 ..... c 54 N78-17676 *
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US-PATENT-APPL-SN-80029 ..... c 74 N74-20008 *
US-PATENT-APPL-SN-800973 ..... c 16 N71-24832 *
US-PATENT-APPL-SN-801141 ..... c 39 N92-23549 * #
US-PATENT-APPL-SN-801290 ..... c 37 N79-18318 *
US-PATENT-APPL-SN-801290 ..... c 37 N80-26658 *
US-PATENT-APPL-SN-801290 ..... c 37 N82-19540 *
US-PATENT-APPL-SN-801312 ..... c 16 N71-15565 *
US-PATENT-APPL-SN-801336 ..... c 02 N71-13422 *
US-PATENT-APPL-SN-801432 ..... c 33 N78-32341 *
US-PATENT-APPL-SN-801452 ..... c 44 N79-11471 *
US-PATENT-APPL-SN-801660 ..... c 14 N71-26672 *
US-PATENT-APPL-SN-802078 ..... c 32 N92-30103 * #
US-PATENT-APPL-SN-802769 ..... c 76 N86-25269 * #
US-PATENT-APPL-SN-802812 ..... c 10 N72-22235 *
US-PATENT-APPL-SN-802813 ..... c 15 N72-22487 *
US-PATENT-APPL-SN-802816 ..... c 31 N71-16346 *
US-PATENT-APPL-SN-802818 ..... c 07 N71-29065 *
US-PATENT-APPL-SN-802820 ..... c 10 N71-13545 *
US-PATENT-APPL-SN-802948 ..... c 31 N71-33160 *
US-PATENT-APPL-SN-802972 ..... c 09 N71-26678 *
US-PATENT-APPL-SN-80368 ..... c 09 N73-20231 *
US-PATENT-APPL-SN-80369 ..... c 09 N72-22198 *
US-PATENT-APPL-SN-803822 ..... c 26 N79-22271 *
US-PATENT-APPL-SN-803822 ..... c 26 N80-32484 *
US-PATENT-APPL-SN-803823 ..... c 44 N79-11467 *
US-PATENT-APPL-SN-803828 ..... c 51 N92-24052 * #
US-PATENT-APPL-SN-804035 ..... c 35 N79-14348 *
US-PATENT-APPL-SN-804039 ..... c 31 N87-25491 *
US-PATENT-APPL-SN-804040 ..... c 32 N87-21206 *
US-PATENT-APPL-SN-804172 ..... c 28 N71-26781 *
US-PATENT-APPL-SN-804196 ..... c 33 N87-28831 *
US-PATENT-APPL-SN-805010 ..... c 35 N87-23944 *
US-PATENT-APPL-SN-805011 ..... c 54 N88-24163 *
US-PATENT-APPL-SN-805012 ..... c 27 N87-21111 *
US-PATENT-APPL-SN-805298 ..... c 10 N71-25899 *
US-PATENT-APPL-SN-805341 ..... c 74 N92-29832 * #
US-PATENT-APPL-SN-805405 ..... c 14 N71-27323 *
US-PATENT-APPL-SN-805406 ..... c 07 N71-24613 *
US-PATENT-APPL-SN-805549 ..... c 35 N79-16246 *
US-PATENT-APPL-SN-806149 ..... c 27 N71-16223 *
US-PATENT-APPL-SN-806226 ..... c 14 N71-27407 *
US-PATENT-APPL-SN-806440 ..... c 51 N79-10694 *
US-PATENT-APPL-SN-806572 ..... c 27 N87-25469 *
US-PATENT-APPL-SN-807597 ..... c 52 N80-16725 *
US-PATENT-APPL-SN-807703 ..... c 37 N78-27424 *
US-PATENT-APPL-SN-807762 ..... c 27 N78-31233 *
US-PATENT-APPL-SN-808192 ..... c 15 N71-27432 *
US-PATENT-APPL-SN-808193 ..... c 31 N71-26537 *
US-PATENT-APPL-SN-808302 ..... c 74 N92-30312 * #
US-PATENT-APPL-SN-808462 ..... c 10 N71-27136 *
US-PATENT-APPL-SN-808510 ..... c 33 N78-32338 *
US-PATENT-APPL-SN-808576 ..... c 15 N71-27754 *
US-PATENT-APPL-SN-808577 ..... c 32 N71-25360 *
US-PATENT-APPL-SN-808822 ..... c 14 N73-16483 *
US-PATENT-APPL-SN-808981 ..... c 27 N92-25397 *
US-PATENT-APPL-SN-809822 ..... c 28 N71-27585 *
US-PATENT-APPL-SN-809851 ..... c 33 N87-23904 *
US-PATENT-APPL-SN-809890 ..... c 44 N79-17314 *
US-PATENT-APPL-SN-809890 ..... c 44 N80-14474 *
US-PATENT-APPL-SN-809975 ..... c 44 N87-17399 *
US-PATENT-APPL-SN-810575 ..... c 15 N71-27169 *
US-PATENT-APPL-SN-810576 ..... c 15 N73-12492 * #
US-PATENT-APPL-SN-810576 ..... c 25 N82-21269 *
US-PATENT-APPL-SN-810579 ..... c 09 N72-22203 *
US-PATENT-APPL-SN-810579 ..... c 33 N74-22864 *
US-PATENT-APPL-SN-810815 ..... c 06 N72-22107 *
US-PATENT-APPL-SN-81095 ..... c 13 N72-25323 *
US-PATENT-APPL-SN-81096 ..... c 14 N73-14427 *
US-PATENT-APPL-SN-811037 ..... c 14 N71-26137 *
US-PATENT-APPL-SN-811038 ..... c 14 N72-20380 *
US-PATENT-APPL-SN-811309 ..... c 76 N90-20896 *
US-PATENT-APPL-SN-811401 ..... c 31 N81-25258 *
US-PATENT-APPL-SN-811509 ..... c 02 N70-33332 *
US-PATENT-APPL-SN-811542 ..... c 21 N71-24948 *
US-PATENT-APPL-SN-811815 ..... c 44 N78-31525 *
US-PATENT-APPL-SN-811892 ..... c 14 N71-27090 *
US-PATENT-APPL-SN-812084 ..... c 24 N92-17870 * #
US-PATENT-APPL-SN-812447 ..... c 71 N79-20827 *
US-PATENT-APPL-SN-812901 ..... c 74 N92-17864 * #
US-PATENT-APPL-SN-812932 ..... c 37 N92-33616 *
US-PATENT-APPL-SN-812998 ..... c 28 N72-22769 *
US-PATENT-APPL-SN-812999 ..... c 05 N71-12345 *
US-PATENT-APPL-SN-813338 ..... c 18 N72-22566 *
US-PATENT-APPL-SN-813488 ..... c 15 N71-28467 *
US-PATENT-APPL-SN-813494 ..... c 08 N72-11171 *
US-PATENT-APPL-SN-813556 ..... c 63 N92-30314 * #
US-PATENT-APPL-SN-813558 ..... c 37 N92-28727 *
US-PATENT-APPL-SN-813628 ..... c 37 N92-17584 * #
US-PATENT-APPL-SN-813629 ..... c 54 N92-17866 * #
US-PATENT-APPL-SN-814004 ..... c 33 N79-18193 *
US-PATENT-APPL-SN-814005 ..... c 76 N79-14906 *
US-PATENT-APPL-SN-814006 ..... c 37 N79-22475 *
US-PATENT-APPL-SN-814212 ..... c 14 N72-17326 *
US-PATENT-APPL-SN-814378 ..... c 25 N79-10162 *
US-PATENT-APPL-SN-815099 ..... c 60 N86-24224 * #
US-PATENT-APPL-SN-815103 ..... c 60 N89-26400 *
US-PATENT-APPL-SN-815106 ..... c 60 N88-24169 *
US-PATENT-APPL-SN-815366 ..... c 14 N71-28994 *
US-PATENT-APPL-SN-815367 ..... c 14 N71-28863 *
US-PATENT-APPL-SN-815760 ..... c 15 N71-27068 *
US-PATENT-APPL-SN-816733 ..... c 15 N71-27084 *
US-PATENT-APPL-SN-816988 ..... c 14 N71-26199 *
US-PATENT-APPL-SN-817413 ..... c 33 N79-12321 *
US-PATENT-APPL-SN-817415 ..... c 74 N79-20857 *
US-PATENT-APPL-SN-817481 ..... c 09 N72-11225 *
US-PATENT-APPL-SN-817482 ..... c 10 N71-27338 *
US-PATENT-APPL-SN-817569 ..... c 06 N69-31244 * #
US-PATENT-APPL-SN-818349 ..... c 21 N71-19212 *
US-PATENT-APPL-SN-818916 ..... c 05 N79-17847 *
US-PATENT-APPL-SN-818917 ..... c 32 N79-13214 *
US-PATENT-APPL-SN-819029 ..... c 20 N82-18314 *
US-PATENT-APPL-SN-819599 ..... c 15 N71-19214 *
US-PATENT-APPL-SN-819898 ..... c 30 N72-17873 *
US-PATENT-APPL-SN-8203 ..... c 15 N70-33180 *
US-PATENT-APPL-SN-820431 ..... c 34 N92-29954 * #
US-PATENT-APPL-SN-820432 ..... c 34 N92-29830 * #
US-PATENT-APPL-SN-820453 ..... c 03 N72-24037 *
US-PATENT-APPL-SN-820498 ..... c 89 N79-10969 *
US-PATENT-APPL-SN-820499 ..... c 76 N79-23798 *
US-PATENT-APPL-SN-8204 ..... c 31 N70-37981 *
US-PATENT-APPL-SN-820963 ..... c 07 N71-19854 *
US-PATENT-APPL-SN-820964 ..... c 15 N71-28740 *
US-PATENT-APPL-SN-820965 ..... c 09 N71-13486 *
US-PATENT-APPL-SN-821586 ..... c 26 N71-14354 *
US-PATENT-APPL-SN-821681 ..... c 35 N78-27384 *
US-PATENT-APPL-SN-822039 ..... c 06 N72-25149 *
US-PATENT-APPL-SN-822088 ..... c 15 N71-27135 *
US-PATENT-APPL-SN-822089 ..... c 23 N72-23695 *
US-PATENT-APPL-SN-822090 ..... c 16 N71-27183 *
US-PATENT-APPL-SN-822240 ..... c 23 N92-17882 * #
US-PATENT-APPL-SN-822457 ..... c 37 N92-30388 * #
US-PATENT-APPL-SN-822518 ..... c 09 N71-13522 *
US-PATENT-APPL-SN-822519 ..... c 14 N71-28992 *
US-PATENT-APPL-SN-822534 ..... c 09 N72-11224 *
US-PATENT-APPL-SN-82279 ..... c 03 N76-32140 *
US-PATENT-APPL-SN-82280 ..... c 09 N72-25262 *
US-PATENT-APPL-SN-823061 ..... c 44 N79-23481 *
US-PATENT-APPL-SN-823566 ..... c 74 N79-14891 *
US-PATENT-APPL-SN-823712 ..... c 44 N88-14492 *
US-PATENT-APPL-SN-823713 ..... c 26 N88-14179 *
US-PATENT-APPL-SN-823805 ..... c 34 N92-30390 * #
US-PATENT-APPL-SN-824024 ..... c 44 N79-18443 *
US-PATENT-APPL-SN-824042 ..... c 23 N71-29123 *
US-PATENT-APPL-SN-824628 ..... c 34 N78-17337 *
US-PATENT-APPL-SN-824755 ..... c 09 N70-33182 *
US-PATENT-APPL-SN-824806 ..... c 37 N92-24051 * #
US-PATENT-APPL-SN-824858 ..... c 27 N92-24053 * #
US-PATENT-APPL-SN-825253 ..... c 16 N69-31343 * #
US-PATENT-APPL-SN-825258 ..... c 26 N72-21701 *
US-PATENT-APPL-SN-825259 ..... c 14 N71-26788 *
US-PATENT-APPL-SN-825489 ..... c 27 N81-15104 *
US-PATENT-APPL-SN-825895 ..... c 37 N92-24055 * #
US-PATENT-APPL-SN-826202 ..... c 37 N79-28551 *
US-PATENT-APPL-SN-826204 ..... c 37 N79-10420 *
US-PATENT-APPL-SN-826326 ..... c 46 N79-22679 *
US-PATENT-APPL-SN-82647 ..... c 28 N72-22772 *
US-PATENT-APPL-SN-82648 ..... c 12 N72-25292 *
US-PATENT-APPL-SN-82649 ..... c 08 N73-30135 *
US-PATENT-APPL-SN-826547 ..... c 37 N92-17678 * #
US-PATENT-APPL-SN-82658 ..... c 30 N70-40309 *
US-PATENT-APPL-SN-827185 ..... c 52 N89-16256 *
US-PATENT-APPL-SN-827464 ..... c 74 N79-34011 *
US-PATENT-APPL-SN-827579 ..... c 15 N71-24984 *
US-PATENT-APPL-SN-827597 ..... c 26 N69-33482 * #
US-PATENT-APPL-SN-828262 ..... c 37 N79-14383 *
US-PATENT-APPL-SN-828909 ..... c 28 N71-27094 *
US-PATENT-APPL-SN-828920 ..... c 35 N74-22095 *
US-PATENT-APPL-SN-828921 ..... c 09 N71-27001 *
US-PATENT-APPL-SN-828983 ..... c 03 N71-24719 *
US-PATENT-APPL-SN-828984 ..... c 08 N71-29033 *
US-PATENT-APPL-SN-829042 ..... c 35 N89-14407 *
US-PATENT-APPL-SN-829314 ..... c 09 N79-31228 *
US-PATENT-APPL-SN-829315 ..... c 34 N79-20336 *
US-PATENT-APPL-SN-829316 ..... c 18 N79-11108 *
US-PATENT-APPL-SN-829317 ..... c 52 N80-18690 *
US-PATENT-APPL-SN-829318 ..... c 52 N80-14684 *
US-PATENT-APPL-SN-829390 ..... c 44 N79-11469 *
US-PATENT-APPL-SN-829390 ..... c 44 N80-16452 *
US-PATENT-APPL-SN-829825 ..... c 03 N71-24681 *
US-PATENT-APPL-SN-830272 ..... c 33 N81-29342 *
US-PATENT-APPL-SN-830366 ..... c 16 N72-13437 *
US-PATENT-APPL-SN-830458 ..... c 46 N79-23555 *
US-PATENT-APPL-SN-830562 ..... c 39 N80-10507 *
US-PATENT-APPL-SN-830715 ..... c 15 N71-24903 *
US-PATENT-APPL-SN-830846 ..... c 31 N80-32584 *
US-PATENT-APPL-SN-830978 ..... c 28 N71-26173 *
US-PATENT-APPL-SN-831118 ..... c 08 N72-11172 *
US-PATENT-APPL-SN-831193 ..... c 32 N88-26568 *
US-PATENT-APPL-SN-831371 ..... c 31 N87-25492 *
US-PATENT-APPL-SN-831372 ..... c 35 N88-30108 *
US-PATENT-APPL-SN-831377 ..... c 37 N87-23982 *
US-PATENT-APPL-SN-831631 ..... c 32 N79-20297 *
US-PATENT-APPL-SN-831632 ..... c 07 N80-26298 *
US-PATENT-APPL-SN-831633 ..... c 05 N80-14107 *
US-PATENT-APPL-SN-831634 ..... c 05 N79-12061 *
US-PATENT-APPL-SN-832296 ..... c 26 N87-28647 *
US-PATENT-APPL-SN-832569 ..... c 54 N92-24044 * #
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US-PATENT-APPL-SN-833049 ..... c 06 N72-21094 *
US-PATENT-APPL-SN-833637 ..... c 33 N79-24257 *
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US-PATENT-APPL-SN-835059 ..... c 09 N71-26133 *
US-PATENT-APPL-SN-835060 ..... c 02 N71-26110 *
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US-PATENT-APPL-SN-835152 ..... c 28 N70-38199 *
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US-PATENT-APPL-SN-835419 ..... c 33 N80-18285 *
US-PATENT-APPL-SN-835544 ..... c 33 N79-14305 *
US-PATENT-APPL-SN-835628 ..... c 35 N79-14347 *
US-PATENT-APPL-SN-836280 ..... c 14 N73-14428 *
US-PATENT-APPL-SN-836280 ..... c 35 N75-25122 *
US-PATENT-APPL-SN-836367 ..... c 09 N71-24804 *
US-PATENT-APPL-SN-837259 ..... c 54 N79-24652 *
US-PATENT-APPL-SN-837260 ..... c 37 N78-27423 *
US-PATENT-APPL-SN-837377 ..... c 15 N71-26148 *
US-PATENT-APPL-SN-837378 ..... c 15 N71-24865 *
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US-PATENT-APPL-SN-837513 ..... c 44 N82-28780 *

US-PATENT-APPL-SN-837794 ..... c 28 N80-20402 *
US-PATENT-APPL-SN-837794 ..... c 28 N81-14103 *
US-PATENT-APPL-SN-837795 ..... c 36 N80-14384 *
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US-PATENT-APPL-SN-837825 ..... c 15 N71-27006 *
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US-PATENT-APPL-SN-83816 ..... c 44 N74-14784 *
US-PATENT-APPL-SN-838278 ..... c 60 N74-20836 *
US-PATENT-APPL-SN-838308 ..... c 52 N80-27072 *
US-PATENT-APPL-SN-838336 ..... c 44 N79-11470 *
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US-PATENT-APPL-SN-838630 ..... c 14 N71-28993 *
US-PATENT-APPL-SN-838648 ..... c 33 N87-23879 *
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US-PATENT-APPL-SN-838654 ..... c 27 N90-21198 *
US-PATENT-APPL-SN-838655 ..... c 27 N87-22848 *
US-PATENT-APPL-SN-839934 ..... c 07 N72-20140 *
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US-PATENT-APPL-SN-839941 ..... c 07 N71-26181 *
US-PATENT-APPL-SN-839963 ..... c 27 N79-33316 *
US-PATENT-APPL-SN-839963 ..... c 27 N81-14078 *
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US-PATENT-APPL-SN-840359 ..... c 23 N71-29125 *
US-PATENT-APPL-SN-840816 ..... c 27 N87-28657 *
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US-PATENT-APPL-SN-840900 ..... c 26 N87-25455 *
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US-PATENT-APPL-SN-841278 ..... c 33 N77-21316 *
US-PATENT-APPL-SN-841845 ..... c 14 N73-32317 *
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US-PATENT-APPL-SN-842170 ..... c 11 N70-33278 *
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US-PATENT-APPL-SN-843090 ..... c 27 N79-22300 *
US-PATENT-APPL-SN-843251 ..... c 03 N72-11062 *
US-PATENT-APPL-SN-843308 ..... c 32 N79-14268 *
US-PATENT-APPL-SN-843653 ..... c 34 N92-30024 * #
US-PATENT-APPL-SN-843861 ..... c 37 N92-23547 * #
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US-PATENT-APPL-SN-844243 ..... c 37 N75-29426 *
US-PATENT-APPL-SN-844315 ..... c 35 N77-21392 *
US-PATENT-APPL-SN-844344 ..... c 24 N79-14156 *
US-PATENT-APPL-SN-844346 ..... c 44 N79-11472 *
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US-PATENT-APPL-SN-845090 ..... c 27 N92-30313 * #
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US-PATENT-APPL-SN-846439 ..... c 08 N87-23631 *
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US-PATENT-APPL-SN-852467 ..... c 27 N87-24564 *
US-PATENT-APPL-SN-852468 ..... c 72 N87-21661 *
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US-PATENT-APPL-SN-853705 ..... c 45 N79-12584 *
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US-PATENT-APPL-SN-853856 ..... c 16 N71-29131 *
US-PATENT-APPL-SN-853983 ..... c 14 N70-33254 *
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US-PATENT-APPL-SN-854124 ..... c 33 N92-24246 * #
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US-PATENT-APPL-SN-855363 ..... c 74 N92-30029 * #
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US-PATENT-APPL-SN-860404 ..... c 37 N81-15364 *
US-PATENT-APPL-SN-860405 ..... c 26 N79-22271 *
US-PATENT-APPL-SN-860406 ..... c 24 N79-17916 *
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US-PATENT-APPL-SN-860750 ..... c 08 N72-22165 *
US-PATENT-APPL-SN-860751 ..... c 08 N72-18184 *
US-PATENT-APPL-SN-860781 ..... c 18 N72-22567 *
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US-PATENT-APPL-SN-861391 ..... c 44 N79-12541 *
US-PATENT-APPL-SN-861392 ..... c 71 N79-23753 *
US-PATENT-APPL-SN-861396 ..... c 35 N79-14349 *
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US-PATENT-APPL-SN-862880 ..... c 24 N79-31347 *
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US-PATENT-APPL-SN-862925 ..... c 24 N88-18628 *
US-PATENT-APPL-SN-862942 ..... c 33 N90-20320 *
US-PATENT-APPL-SN-862959 ..... c 33 N87-21232 *
US-PATENT-APPL-SN-863024 ..... c 46 N80-14603 *
US-PATENT-APPL-SN-863276 ..... c 16 N72-12440 *
US-PATENT-APPL-SN-863280 ..... c 24 N72-33681 *
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US-PATENT-APPL-SN-864039 ..... c 15 N72-22483 *
US-PATENT-APPL-SN-864097 ..... c 07 N71-33606 *
US-PATENT-APPL-SN-86417 ..... c 07 N72-25171 *
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US-PATENT-APPL-SN-865274 ..... c 09 N72-17155 *
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US-PATENT-APPL-SN-867851 ..... c 15 N72-22484 *
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US-PATENT-APPL-SN-868529 ..... c 08 N72-22167 *
US-PATENT-APPL-SN-868530 ..... c 05 N72-11084 *
US-PATENT-APPL-SN-868775 ..... c 09 N72-25261 *
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US-PATENT-APPL-SN-870689 ..... c 06 N72-25148 *
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US-PATENT-APPL-SN-874733 ..... c 15 N71-26635 *
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US-PATENT-APPL-SN-876440 ..... c 51 N80-16714 *
US-PATENT-APPL-SN-876441 ..... c 74 N79-20856 *
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US-PATENT-APPL-SN-876592 ..... c 35 N92-30030 * #
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US-PATENT-APPL-SN-878540 ..... c 24 N82-26384 *
US-PATENT-APPL-SN-878541 ..... c 33 N81-14220 *
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US-PATENT-APPL-SN-880211 ..... c 62 N92-24045 * #

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US-PATENT-APPL-SN-907479 ..... c 27 N80-24438 *
US-PATENT-APPL-SN-908677 ..... c 63 N92-30085 * #
US-PATENT-APPL-SN-909100 ..... c 37 N79-28550 *
US-PATENT-APPL-SN-909235 ..... c 07 N81-19115 *
US-PATENT-APPL-SN-909501 ..... c 32 N92-30391 * #
US-PATENT-APPL-SN-909608 ..... c 07 N81-19116 *
US-PATENT-APPL-SN-910707 ..... c 32 N80-20448 *
US-PATENT-APPL-SN-910708 ..... c 06 N80-18036 *
US-PATENT-APPL-SN-910793 ..... c 44 N80-16452 *
US-PATENT-APPL-SN-910794 ..... c 14 N81-26161 *
US-PATENT-APPL-SN-910992 ..... c 52 N81-24711 *
US-PATENT-APPL-SN-91180 ..... c 14 N70-40240 *
US-PATENT-APPL-SN-911851 ..... c 29 N87-18679 * #
US-PATENT-APPL-SN-912276 ..... c 24 N81-29163 *
US-PATENT-APPL-SN-912401 ..... c 27 N92-29831 * #
US-PATENT-APPL-SN-912955 ..... c 37 N92-29765 * #
US-PATENT-APPL-SN-912956 ..... c 33 N92-30086 * #
US-PATENT-APPL-SN-912981 ..... c 76 N92-30102 * #
US-PATENT-APPL-SN-913432 ..... c 18 N88-23828 *
US-PATENT-APPL-SN-913433 ..... c 33 N87-15413 * #
US-PATENT-APPL-SN-913446 ..... c 37 N87-15465 * #
US-PATENT-APPL-SN-914260 ..... c 44 N79-26474 *
US-PATENT-APPL-SN-914905 ..... c 09 N92-34213 * #
US-PATENT-APPL-SN-915050 ..... c 44 N81-12542 *
US-PATENT-APPL-SN-91642 ..... c 14 N72-31446 *
US-PATENT-APPL-SN-916654 ..... c 07 N81-29129 *
US-PATENT-APPL-SN-916655 ..... c 44 N80-14472 *
US-PATENT-APPL-SN-917125 ..... c 35 N89-12048 *
US-PATENT-APPL-SN-917554 ..... c 37 N92-34205 * #
US-PATENT-APPL-SN-918533 ..... c 32 N79-23310 *
US-PATENT-APPL-SN-918534 ..... c 33 N80-32650 *
US-PATENT-APPL-SN-918535 ..... c 35 N80-18357 *
US-PATENT-APPL-SN-918537 ..... c 26 N80-14229 *
US-PATENT-APPL-SN-918705 ..... c 52 N82-33996 *
US-PATENT-APPL-SN-920878 ..... c 24 N78-27184 * #
US-PATENT-APPL-SN-920879 ..... c 44 N79-31752 *
US-PATENT-APPL-SN-921572 ..... c 24 N90-25196 *
US-PATENT-APPL-SN-921572 ..... c 24 N91-25199 *
US-PATENT-APPL-SN-921573 ..... c 37 N87-14704 * #
US-PATENT-APPL-SN-921574 ..... c 31 N90-19425 *
US-PATENT-APPL-SN-921576 ..... c 33 N91-31530 *
US-PATENT-APPL-SN-921577 ..... c 37 N89-13785 *
US-PATENT-APPL-SN-921626 ..... c 25 N80-23383 *
US-PATENT-APPL-SN-921627 ..... c 33 N80-14332 *
US-PATENT-APPL-SN-923758 ..... c 20 N78-27176 * #
US-PATENT-APPL-SN-923758 ..... c 20 N80-10278 *
US-PATENT-APPL-SN-924297 ..... c 71 N90-12289 *
US-PATENT-APPL-SN-924398 ..... c 14 N87-25344 *
US-PATENT-APPL-SN-924399 ..... c 76 N88-24545 *
US-PATENT-APPL-SN-924467 ..... c 23 N88-24692 *
US-PATENT-APPL-SN-924470 ..... c 23 N90-19300 *
US-PATENT-APPL-SN-924472 ..... c 32 N87-18692 * #
US-PATENT-APPL-SN-924474 ..... c 23 N88-26404 *
US-PATENT-APPL-SN-924474 ..... c 25 N90-23497 *
US-PATENT-APPL-SN-924474 ..... c 23 N91-17141 *
US-PATENT-APPL-SN-924689 ..... c 24 N92-34214 * #
US-PATENT-APPL-SN-925189 ..... c 76 N88-24544 *
US-PATENT-APPL-SN-9251 ..... c 03 N70-34646 * #
US-PATENT-APPL-SN-927972 ..... c 74 N89-14078 *
US-PATENT-APPL-SN-927987 ..... c 62 N90-19776 *
US-PATENT-APPL-SN-927992 ..... c 37 N87-18818 * #
US-PATENT-APPL-SN-928128 ..... c 44 N80-18551 *
US-PATENT-APPL-SN-928129 ..... c 35 N80-14371 *
US-PATENT-APPL-SN-928130 ..... c 35 N80-20559 *
US-PATENT-APPL-SN-928131 ..... c 09 N79-31228 *
US-PATENT-APPL-SN-928133 ..... c 44 N80-18550 *
US-PATENT-APPL-SN-928137 ..... c 52 N80-23969 *
US-PATENT-APPL-SN-929083 ..... c 36 N80-16321 *
US-PATENT-APPL-SN-929084 ..... c 37 N81-19455 *
US-PATENT-APPL-SN-929086 ..... c 24 N81-13999 *
US-PATENT-APPL-SN-929087 ..... c 35 N80-28687 *
US-PATENT-APPL-SN-929088 ..... c 74 N80-24149 *
US-PATENT-APPL-SN-929553 ..... c 26 N92-34239 * #
US-PATENT-APPL-SN-929556 ..... c 54 N92-34210 * #
US-PATENT-APPL-SN-929862 ..... c 02 N89-12551 *
US-PATENT-APPL-SN-929865 ..... c 18 N89-12621 *
US-PATENT-APPL-SN-929869 ..... c 35 N87-23941 * #
US-PATENT-APPL-SN-929869 ..... c 52 N90-21519 *
US-PATENT-APPL-SN-929869 ..... c 52 N92-11621 *
US-PATENT-APPL-SN-929875 ..... c 18 N88-28958 *
US-PATENT-APPL-SN-929875 ..... c 18 N89-28554 *
US-PATENT-APPL-SN-929876 ..... c 32 N91-14523 *
US-PATENT-APPL-SN-930217 ..... c 25 N88-24732 *
US-PATENT-APPL-SN-931090 ..... c 37 N80-26658 *
US-PATENT-APPL-SN-931090 ..... c 37 N82-19540 *
US-PATENT-APPL-SN-931217 ..... c 37 N80-32716 *
US-PATENT-APPL-SN-931218 ..... c 20 N80-18097 *
US-PATENT-APPL-SN-933186 ..... c 27 N80-32515 *
US-PATENT-APPL-SN-93329 ..... c 09 N73-26195 *
US-PATENT-APPL-SN-933941 ..... c 33 N89-14385 *
US-PATENT-APPL-SN-933961 ..... c 76 N87-29360 *
US-PATENT-APPL-SN-933962 ..... c 25 N88-29002 *
US-PATENT-APPL-SN-933963 ..... c 05 N88-28914 *
US-PATENT-APPL-SN-934397 ..... c 18 N88-23827 *
US-PATENT-APPL-SN-934576 ..... c 35 N80-18358 *
US-PATENT-APPL-SN-935827 ..... c 37 N80-18393 *
US-PATENT-APPL-SN-936417 ..... c 74 N92-34241 * #
US-PATENT-APPL-SN-93714 ..... c 44 N82-28780 *
US-PATENT-APPL-SN-938293 ..... c 32 N80-32605 *
US-PATENT-APPL-SN-938297 ..... c 25 N81-14015 *
US-PATENT-APPL-SN-938298 ..... c 33 N81-17348 *
US-PATENT-APPL-SN-938299 ..... c 33 N81-19389 *
US-PATENT-APPL-SN-938300 ..... c 37 N80-23654 *
US-PATENT-APPL-SN-938579 ..... c 76 N80-32244 *
US-PATENT-APPL-SN-938581 ..... c 04 N80-32359 *
US-PATENT-APPL-SN-938582 ..... c 37 N80-23653 *
US-PATENT-APPL-SN-94049 ..... c 14 N73-20476 *
US-PATENT-APPL-SN-940688 ..... c 24 N79-24062 *
US-PATENT-APPL-SN-940689 ..... c 35 N80-28686 *
US-PATENT-APPL-SN-940970 ..... c 72 N80-27163 *
US-PATENT-APPL-SN-941335 ..... c 63 N92-34240 * #
US-PATENT-APPL-SN-941711 ..... c 24 N80-26388 *
US-PATENT-APPL-SN-942158 ..... c 34 N88-29133 *
US-PATENT-APPL-SN-942159 ..... c 37 N87-18817 * #
US-PATENT-APPL-SN-94259 ..... c 27 N70-35534 *
US-PATENT-APPL-SN-943086 ..... c 37 N80-32717 *
US-PATENT-APPL-SN-943087 ..... c 15 N78-32168 * #
US-PATENT-APPL-SN-943088 ..... c 18 N80-14183 *
US-PATENT-APPL-SN-943089 ..... c 74 N80-21140 *
US-PATENT-APPL-SN-943346 ..... c 34 N88-29132 *
US-PATENT-APPL-SN-94347 ..... c 05 N72-25122 *
US-PATENT-APPL-SN-943659 ..... c 02 N92-34243 * #
US-PATENT-APPL-SN-94369 ..... c 07 N71-28965 * #
US-PATENT-APPL-SN-94374 ..... c 14 N72-25411 *
US-PATENT-APPL-SN-945040 ..... c 37 N82-24492 *
US-PATENT-APPL-SN-945041 ..... c 43 N80-18498 *
US-PATENT-APPL-SN-945043 ..... c 33 N81-33403 *
US-PATENT-APPL-SN-945044 ..... c 54 N81-26718 *
US-PATENT-APPL-SN-945436 ..... c 46 N80-24906 *
US-PATENT-APPL-SN-946990 ..... c 28 N80-23471 *
US-PATENT-APPL-SN-946991 ..... c 31 N81-27324 *
US-PATENT-APPL-SN-946992 ..... c 45 N80-14579 *
US-PATENT-APPL-SN-946994 ..... c 44 N79-31753 *
US-PATENT-APPL-SN-947000 ..... c 28 N81-15119 *
US-PATENT-APPL-SN-94952 ..... c 14 N70-34158 *
US-PATENT-APPL-SN-949886 ..... c 33 N80-18285 *
US-PATENT-APPL-SN-950876 ..... c 37 N80-31790 *
US-PATENT-APPL-SN-950877 ..... c 52 N81-25660 *
US-PATENT-APPL-SN-951422 ..... c 51 N81-14605 *
US-PATENT-APPL-SN-951423 ..... c 48 N80-18667 *
US-PATENT-APPL-SN-951828 ..... c 37 N80-29703 *
US-PATENT-APPL-SN-951829 ..... c 33 N80-18287 *
US-PATENT-APPL-SN-951830 ..... c 28 N80-28536 *
US-PATENT-APPL-SN-95183 ..... c 08 N73-12175 *
US-PATENT-APPL-SN-95189 ..... c 74 N77-21941 *
US-PATENT-APPL-SN-953313 ..... c 32 N81-14187 *

US-PATENT-APPL-SN-953314 ..... c 37 N81-14319 *
US-PATENT-APPL-SN-953389 ..... c 74 N80-27185 *
US-PATENT-APPL-SN-953390 ..... c 74 N80-21138 *
US-PATENT-APPL-SN-953391 ..... c 72 N80-33186 *
US-PATENT-APPL-SN-956160 ..... c 32 N80-18253 *
US-PATENT-APPL-SN-956161 ..... c 27 N79-11215 * #
US-PATENT-APPL-SN-956166 ..... c 33 N81-19393 *
US-PATENT-APPL-SN-956168 ..... c 27 N81-25209 *
US-PATENT-APPL-SN-956529 ..... c 35 N80-26635 *
US-PATENT-APPL-SN-957452 ..... c 32 N80-24510 *
US-PATENT-APPL-SN-958573 ..... c 25 N80-20334 *
US-PATENT-APPL-SN-958575 ..... c 27 N80-24437 *
US-PATENT-APPL-SN-961831 ..... c 33 N81-25299 *
US-PATENT-APPL-SN-961832 ..... c 37 N81-24442 *
US-PATENT-APPL-SN-961833 ..... c 37 N82-21587 *
US-PATENT-APPL-SN-964009 ..... c 02 N80-20224 *
US-PATENT-APPL-SN-964754 ..... c 33 N80-20487 *
US-PATENT-APPL-SN-964754 ..... c 44 N81-29524 *
US-PATENT-APPL-SN-965367 ..... c 33 N81-14221 *
US-PATENT-APPL-SN-965368 ..... c 74 N81-17888 *
US-PATENT-APPL-SN-969755 ..... c 05 N81-19087 *
US-PATENT-APPL-SN-969756 ..... c 37 N81-14317 *
US-PATENT-APPL-SN-969757 ..... c 24 N84-16262 *
US-PATENT-APPL-SN-969759 ..... c 25 N82-11144 *
US-PATENT-APPL-SN-969760 ..... c 39 N81-25400 *
US-PATENT-APPL-SN-969761 ..... c 32 N82-12297 *
US-PATENT-APPL-SN-969762 ..... c 33 N82-29539 *
US-PATENT-APPL-SN-97112 ..... c 21 N70-34539 *
US-PATENT-APPL-SN-971473 ..... c 23 N81-29160 *
US-PATENT-APPL-SN-971474 ..... c 20 N82-18314 *
US-PATENT-APPL-SN-971475 ..... c 27 N81-24257 *
US-PATENT-APPL-SN-971596 ..... c 27 N80-32516 *
US-PATENT-APPL-SN-972252 ..... c 35 N81-33448 *
US-PATENT-APPL-SN-97343 ..... c 10 N72-27246 *
US-PATENT-APPL-SN-974292 ..... c 26 N80-23419 *
US-PATENT-APPL-SN-974471 ..... c 32 N81-14185 *
US-PATENT-APPL-SN-974472 ..... c 37 N81-15363 *
US-PATENT-APPL-SN-974473 ..... c 60 N81-27814 *
US-PATENT-APPL-SN-974474 ..... c 25 N81-19242 *
US-PATENT-APPL-SN-974475 ..... c 33 N81-17349 *
US-PATENT-APPL-SN-974476 ..... c 52 N81-14613 *
US-PATENT-APPL-SN-97472 ..... c 14 N73-28487 *
US-PATENT-APPL-SN-97829 ..... c 06 N73-13129 *
US-PATENT-APPL-SN-98517 ..... c 09 N72-25250 *
US-PATENT-APPL-SN-98640 ..... c 09 N72-25253 *
US-PATENT-APPL-SN-98772 ..... c 08 N73-12176 *
US-PATENT-APPL-SN-98773 ..... c 15 N72-22486 *
US-PATENT-APPL-SN-98774 ..... c 14 N73-19419 *
US-PATENT-APPL-SN-98798 ..... c 09 N73-13209 *
US-PATENT-APPL-SN-99174 ..... c 14 N72-33377 *
US-PATENT-APPL-SN-99175 ..... c 09 N72-25258 *
US-PATENT-APPL-SN-99198 ..... c 31 N73-32749 *
US-PATENT-APPL-SN-99201 ..... c 15 N73-25512 *
US-PATENT-APPL-SN-99201 ..... c 37 N74-20063 *
US-PATENT-APPL-SN-99524 ..... c 06 N72-27144 *
US-PATENT-APPL-SN-99901 ..... c 37 N74-10474 *
US-PATENT-APPL-SN-99903 ..... c 11 N73-12265 *

US-PATENT-APPL-156-241 ..... c 31 N92-33020 *
US-PATENT-APPL-156-285 ..... c 31 N92-33020 *
US-PATENT-APPL-156-293 ..... c 31 N92-33020 *
US-PATENT-APPL-264-272.15 ..... c 31 N92-33020 *
US-PATENT-APPL-29-856 ..... c 31 N92-33020 *

US-PATENT-CASE-165-104.25 .... c 34 N87-28867 *
US-PATENT-CASE-165-104.26 .... c 34 N87-28867 *
US-PATENT-CASE-165-13 ..... c 34 N87-28867 *
US-PATENT-CASE-165-1 ..... c 34 N87-28867 *
US-PATENT-CASE-165-32 ..... c 34 N87-28867 *
US-PATENT-CASE-165-41 ..... c 34 N87-28867 *
US-PATENT-CASE-179-146-R ..... c 05 N83-27975 *
US-PATENT-CASE-179-179 ..... c 05 N83-27975 *
US-PATENT-CASE-244-121 ..... c 05 N83-19737 *
US-PATENT-CASE-244-129.4 ..... c 05 N83-19737 *
US-PATENT-CASE-292-254 ..... c 05 N83-19737 *
US-PATENT-CASE-356-129 ..... c 36 N83-29680 *
US-PATENT-CASE-367-906 ..... c 05 N83-27975 *
US-PATENT-CASE-368-10 ..... c 35 N83-29651 *
US-PATENT-CASE-368-118 ..... c 35 N83-29651 *
US-PATENT-CASE-368-119 ..... c 35 N83-29651 *
US-PATENT-CASE-368-120 ..... c 35 N83-29651 *
US-PATENT-CASE-368-6 ..... c 35 N83-29651 *
US-PATENT-CASE-368-9 ..... c 35 N83-29651 *

US-PATENT-CLAS-165-27 ..... c 34 N83-34221 *
US-PATENT-CLAS-361-90 ..... c 33 N83-34190 *

US-PATENT-CLASS-DIG.4 ..... c 37 N91-21543 *

US-PATENT-CLASS-D12-76 ..... c 05 N75-25914 *
US-PATENT-CLASS-D71-1 ..... c 05 N74-10907 *

US-PATENT-CLASS-073-801 ..... c 26 N90-21170 *
US-PATENT-CLASS-100-299 ..... c 15 N72-20446 *
US-PATENT-CLASS-100-8 ..... c 33 N74-17928 *
US-PATENT-CLASS-101-395 ..... c 35 N84-22930 *
US-PATENT-CLASS-101-407BP .. c 37 N84-12491 *
US-PATENT-CLASS-102-101 ..... c 28 N71-26779 *
US-PATENT-CLASS-102-103 ..... c 20 N78-32179 *
US-PATENT-CLASS-102-105 ..... c 33 N72-17947 *
US-PATENT-CLASS-102-105 ..... c 33 N72-25911 *
US-PATENT-CLASS-102-105 ..... c 33 N73-25952 *
US-PATENT-CLASS-102-105 ..... c 27 N74-27037 *
US-PATENT-CLASS-102-105 ..... c 24 N79-25142 *
US-PATENT-CLASS-102-200 ..... c 25 N91-32196 *
US-PATENT-CLASS-102-21.6 ..... c 46 N79-22679 *
US-PATENT-CLASS-102-262 ..... c 03 N91-15142 *
US-PATENT-CLASS-102-28EB .... c 28 N74-27425 *
US-PATENT-CLASS-102-28R ..... c 28 N79-11231 *
US-PATENT-CLASS-102-289 ..... c 27 N82-24339 *
US-PATENT-CLASS-102-34.4 ..... c 07 N72-25171 *
US-PATENT-CLASS-102-378 ..... c 01 N83-35992 *
US-PATENT-CLASS-102-378 ..... c 37 N90-21390 *
US-PATENT-CLASS-102-378 ..... c 37 N91-32498 *
US-PATENT-CLASS-102-39 ..... c 20 N78-24275 *
US-PATENT-CLASS-102-49.3 ..... c 20 N77-17143 *
US-PATENT-CLASS-102-49.5 ..... c 31 N71-15687 *
US-PATENT-CLASS-102-49.5 ..... c 15 N71-22874 *
US-PATENT-CLASS-102-49.5 ..... c 31 N71-23008 *
US-PATENT-CLASS-102-49.5 ..... c 31 N73-14853 *
US-PATENT-CLASS-102-49.7 ..... c 28 N73-24784 *
US-PATENT-CLASS-102-49.7 ..... c 20 N78-24275 *
US-PATENT-CLASS-102-49.8 ..... c 28 N73-24784 *
US-PATENT-CLASS-102-49 ..... c 33 N70-36846 *
US-PATENT-CLASS-102-49 ..... c 28 N70-38181 *
US-PATENT-CLASS-102-49 ..... c 03 N70-39930 *
US-PATENT-CLASS-102-49 ..... c 15 N70-41679 *
US-PATENT-CLASS-102-49 ..... c 28 N70-41967 *
US-PATENT-CLASS-102-49 ..... c 31 N71-10582 *
US-PATENT-CLASS-102-49 ..... c 15 N71-13789 *
US-PATENT-CLASS-102-49 ..... c 31 N71-15692 *
US-PATENT-CLASS-102-49 ..... c 31 N71-17730 *
US-PATENT-CLASS-102-504 ..... c 15 N82-24272 *
US-PATENT-CLASS-102-50 ..... c 31 N71-24750 *
US-PATENT-CLASS-102-56R ..... c 02 N81-14968 *
US-PATENT-CLASS-102-70.2A ... c 28 N74-27425 *
US-PATENT-CLASS-102-70.2R ... c 19 N74-15089 *
US-PATENT-CLASS-102-70.2 ..... c 09 N71-18599 *
US-PATENT-CLASS-102-70-2R ... c 28 N74-27425 *
US-PATENT-CLASS-102-70R ..... c 20 N78-24275 *
US-PATENT-CLASS-102-90 ..... c 15 N74-27360 *
US-PATENT-CLASS-102-92.1 ..... c 02 N81-14968 *
US-PATENT-CLASS-102-95 ..... c 11 N73-32152 *
US-PATENT-CLASS-102-99 ..... c 28 N77-10213 *
US-PATENT-CLASS-103.5R ..... c 04 N73-27052 *
US-PATENT-CLASS-103-1 ..... c 26 N71-21824 *
US-PATENT-CLASS-103-37 ..... c 28 N71-14058 *
US-PATENT-CLASS-103-48 ..... c 15 N71-24042 *
US-PATENT-CLASS-104-DIG.4 .... c 44 N84-23019 *
US-PATENT-CLASS-104-138R .... c 85 N74-34672 *
US-PATENT-CLASS-104-139 ..... c 05 N71-28619 *
US-PATENT-CLASS-104-172.1 .... c 18 N88-26398 *
US-PATENT-CLASS-104-1 ..... c 05 N71-28619 *
US-PATENT-CLASS-104-23FS .... c 85 N74-34672 *
US-PATENT-CLASS-104-281 ..... c 37 N85-20337 *
US-PATENT-CLASS-104-282 ..... c 37 N83-32067 *
US-PATENT-CLASS-104-284 ..... c 37 N85-20337 *
US-PATENT-CLASS-104-290 ..... c 37 N83-32067 *
US-PATENT-CLASS-104-35 ..... c 18 N88-26398 *
US-PATENT-CLASS-104-49 ..... c 18 N88-26398 *
US-PATENT-CLASS-104-83 ..... c 37 N82-21587 *
US-PATENT-CLASS-105-1A ..... c 37 N82-21587 *
US-PATENT-CLASS-105-124 ..... c 37 N91-32514 *
US-PATENT-CLASS-105-141 ..... c 37 N91-32514 *
US-PATENT-CLASS-105-142 ..... c 37 N91-32514 *
US-PATENT-CLASS-105-161 ..... c 43 N79-26439 *
US-PATENT-CLASS-105-171 ..... c 37 N82-21587 *
US-PATENT-CLASS-105-180 ..... c 37 N82-21587 *
US-PATENT-CLASS-105-2R ..... c 85 N82-33288 *
US-PATENT-CLASS-105-218R .... c 37 N82-21587 *
US-PATENT-CLASS-105-87 ..... c 37 N91-32514 *
US-PATENT-CLASS-106-1.2 ..... c 44 N79-31752 *
US-PATENT-CLASS-106-13 ..... c 23 N75-14834 *
US-PATENT-CLASS-106-15FP .... c 27 N74-27037 *
US-PATENT-CLASS-106-15FP .... c 27 N76-24405 *
US-PATENT-CLASS-106-15FP .... c 24 N78-15180 *
US-PATENT-CLASS-106-15R ..... c 23 N75-14834 *
US-PATENT-CLASS-106-15 ..... c 18 N71-14014 *
US-PATENT-CLASS-106-15 ..... c 18 N71-15469 *
US-PATENT-CLASS-106-18.16 .... c 27 N82-16238 *
US-PATENT-CLASS-106-18.24 .... c 27 N82-16238 *
US-PATENT-CLASS-106-197 ..... c 25 N82-29370 *
US-PATENT-CLASS-106-1 ..... c 44 N79-31752 *
US-PATENT-CLASS-106-209 ..... c 05 N72-25120 *
US-PATENT-CLASS-106-286 ..... c 18 N72-22566 *
US-PATENT-CLASS-106-287SB .. c 23 N75-14834 *
US-PATENT-CLASS-106-288B .... c 18 N72-22566 *
US-PATENT-CLASS-106-292 ..... c 18 N72-17532 *
US-PATENT-CLASS-106-292 ..... c 27 N77-30237 *
US-PATENT-CLASS-106-296 ..... c 18 N71-26772 *
US-PATENT-CLASS-106-296 ..... c 27 N77-30237 *
US-PATENT-CLASS-106-296 ..... c 24 N79-14156 *
US-PATENT-CLASS-106-299 ..... c 18 N72-17532 *
US-PATENT-CLASS-106-299 ..... c 27 N77-30237 *
US-PATENT-CLASS-106-306 ..... c 24 N76-24363 *
US-PATENT-CLASS-106-39.5 ..... c 27 N78-19302 *
US-PATENT-CLASS-106-39R ..... c 18 N73-14584 *
US-PATENT-CLASS-106-39 ..... c 26 N72-28762 *
US-PATENT-CLASS-106-40 ..... c 18 N71-22998 *
US-PATENT-CLASS-106-43 ..... c 27 N78-17206 *
US-PATENT-CLASS-106-43 ..... c 37 N81-25371 *
US-PATENT-CLASS-106-46 ..... c 26 N72-28762 *
US-PATENT-CLASS-106-48 ..... c 27 N75-27160 *
US-PATENT-CLASS-106-48 ..... c 27 N78-32260 *
US-PATENT-CLASS-106-50 ..... c 27 N82-29452 *
US-PATENT-CLASS-106-50 ..... c 27 N82-29454 *
US-PATENT-CLASS-106-50 ..... c 27 N82-29455 *
US-PATENT-CLASS-106-52 ..... c 37 N74-21063 *
US-PATENT-CLASS-106-52 ..... c 27 N82-29451 *
US-PATENT-CLASS-106-52 ..... c 27 N82-29452 *
US-PATENT-CLASS-106-52 ..... c 27 N82-29454 *
US-PATENT-CLASS-106-52 ..... c 27 N82-29455 *
US-PATENT-CLASS-106-54 ..... c 27 N75-27160 *
US-PATENT-CLASS-106-54 ..... c 27 N76-22377 *
US-PATENT-CLASS-106-54 ..... c 27 N76-23426 *
US-PATENT-CLASS-106-54 ..... c 27 N78-32260 *
US-PATENT-CLASS-106-54 ..... c 27 N82-29452 *
US-PATENT-CLASS-106-54 ..... c 27 N82-29454 *
US-PATENT-CLASS-106-55 ..... c 18 N73-14584 *
US-PATENT-CLASS-106-58 ..... c 18 N73-14584 *
US-PATENT-CLASS-106-63 ..... c 18 N73-14584 *
US-PATENT-CLASS-106-65 ..... c 27 N78-19302 *
US-PATENT-CLASS-106-73.5 ..... c 27 N78-19302 *
US-PATENT-CLASS-106-74 ..... c 18 N69-39979 * #
US-PATENT-CLASS-106-74 ..... c 24 N79-31347 *
US-PATENT-CLASS-106-84 ..... c 18 N71-24183 *
US-PATENT-CLASS-106-84 ..... c 18 N71-24184 *
US-PATENT-CLASS-106-84 ..... c 18 N72-22566 *
US-PATENT-CLASS-106-84 ..... c 18 N72-23581 *
US-PATENT-CLASS-106-84 ..... c 24 N79-14156 *
US-PATENT-CLASS-106-84 ..... c 24 N79-31347 *
US-PATENT-CLASS-106-88 ..... c 18 N71-16124 *
US-PATENT-CLASS-108-136 ..... c 09 N75-12968 *
US-PATENT-CLASS-108-3 ..... c 54 N88-24163 *
US-PATENT-CLASS-108-7 ..... c 54 N88-24163 *
US-PATENT-CLASS-109-49.5 ..... c 31 N81-19343 *
US-PATENT-CLASS-109-58.5 ..... c 31 N81-19343 *
US-PATENT-CLASS-110-165R .... c 31 N91-15423 *
US-PATENT-CLASS-110-171 ..... c 31 N91-15423 *
US-PATENT-CLASS-110-186 ..... c 25 N84-16276 *
US-PATENT-CLASS-110-218 ..... c 31 N81-15154 *
US-PATENT-CLASS-110-229 ..... c 31 N81-15154 *
US-PATENT-CLASS-110-232 ..... c 31 N81-15154 *
US-PATENT-CLASS-110-234 ..... c 25 N82-11144 *
US-PATENT-CLASS-110-245 ..... c 25 N82-11144 *
US-PATENT-CLASS-110-255 ..... c 25 N82-11144 *
US-PATENT-CLASS-110-259 ..... c 31 N91-15423 *
US-PATENT-CLASS-110-262 ..... c 25 N84-16276 *
US-PATENT-CLASS-110-263 ..... c 25 N84-16276 *
US-PATENT-CLASS-110-265 ..... c 25 N84-16276 *
US-PATENT-CLASS-110-266 ..... c 25 N82-11144 *
US-PATENT-CLASS-110-343 ..... c 31 N81-15154 *
US-PATENT-CLASS-110-347 ..... c 31 N81-15154 *
US-PATENT-CLASS-112-402 ..... c 18 N71-26285 *
US-PATENT-CLASS-112-440 ..... c 24 N91-31236 *
US-PATENT-CLASS-113-116 ..... c 15 N71-15597 *
US-PATENT-CLASS-114-112 ..... c 18 N90-19278 *
US-PATENT-CLASS-114-122 ..... c 02 N73-26006 *
US-PATENT-CLASS-114-122 ..... c 34 N91-25380 *
US-PATENT-CLASS-114-125 ..... c 34 N91-25380 *
US-PATENT-CLASS-114-16.6 ..... c 37 N76-22540 *
US-PATENT-CLASS-114-201R .... c 18 N90-19278 *
US-PATENT-CLASS-114-66.5 ..... c 12 N70-33305 *
US-PATENT-CLASS-114-67A ..... c 34 N91-14562 *
US-PATENT-CLASS-114-67R ..... c 02 N88-14071 *
US-PATENT-CLASS-115-103.5 .... c 51 N75-13502 *
US-PATENT-CLASS-116-DIG.43 . c 02 N89-12551 *
US-PATENT-CLASS-116-114.5 .... c 35 N75-25122 *
US-PATENT-CLASS-116-114AH .. c 14 N72-25411 *
US-PATENT-CLASS-116-114AH .. c 35 N75-33367 *
US-PATENT-CLASS-116-117 ..... c 14 N70-42074 *
US-PATENT-CLASS-116-201 ..... c 02 N92-21588 *
US-PATENT-CLASS-116-207 ..... c 02 N92-21588 *
US-PATENT-CLASS-116-265 ..... c 02 N89-12551 *
US-PATENT-CLASS-117-104 ..... c 18 N71-26100 *
US-PATENT-CLASS-117-105.2 .... c 37 N74-11301 *
US-PATENT-CLASS-117-105.2 .... c 24 N75-33181 *
US-PATENT-CLASS-117-105.5 .... c 15 N73-32360 *
US-PATENT-CLASS-117-105 ..... c 15 N73-32360 *
US-PATENT-CLASS-117-106A .... c 70 N74-13436 *
US-PATENT-CLASS-117-106A .... c 37 N75-15992 *
US-PATENT-CLASS-117-106A .... c 25 N75-26043 *
US-PATENT-CLASS-117-106 ..... c 33 N71-14032 *
US-PATENT-CLASS-117-107.2 .... c 25 N75-26043 *
US-PATENT-CLASS-117-107 ..... c 15 N72-25447 *
US-PATENT-CLASS-117-107 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-119 ..... c 18 N71-16105 *
US-PATENT-CLASS-117-119 ..... c 76 N79-16678 *

US-PATENT-CLASS-117-124C .... c 15 N72-25452 *
US-PATENT-CLASS-117-124F ..... c 23 N75-14834 *
US-PATENT-CLASS-117-126GM . c 37 N75-26371 *
US-PATENT-CLASS-117-126GR . c 27 N74-23125 *
US-PATENT-CLASS-117-126R .... c 37 N75-26371 *
US-PATENT-CLASS-117-129 ..... c 37 N74-21063 *
US-PATENT-CLASS-117-129 ..... c 27 N75-27160 *
US-PATENT-CLASS-117-130R .... c 15 N73-32360 *
US-PATENT-CLASS-117-132B .... c 27 N74-23125 *
US-PATENT-CLASS-117-132 ..... c 06 N72-25150 *
US-PATENT-CLASS-117-135.5 .... c 23 N75-14834 *
US-PATENT-CLASS-117-138.8R . c 15 N73-32360 *
US-PATENT-CLASS-117-151 ..... c 15 N73-32360 *
US-PATENT-CLASS-117-152 ..... c 15 N72-25452 *
US-PATENT-CLASS-117-16R ..... c 15 N72-25452 *
US-PATENT-CLASS-117-160R .... c 15 N73-32360 *
US-PATENT-CLASS-117-161P ..... c 06 N73-27980 *
US-PATENT-CLASS-117-161UA .. c 25 N75-12087 *
US-PATENT-CLASS-117-161UN . c 06 N73-27980 *
US-PATENT-CLASS-117-161UN . c 27 N74-23125 *
US-PATENT-CLASS-117-161UN . c 25 N75-12087 *
US-PATENT-CLASS-117-161UZ .. c 25 N75-12087 *
US-PATENT-CLASS-117-161 ..... c 06 N72-25150 *
US-PATENT-CLASS-117-2R ..... c 32 N74-27612 *
US-PATENT-CLASS-117-200 ..... c 09 N72-25259 *
US-PATENT-CLASS-117-201 ..... c 15 N69-21460 * #
US-PATENT-CLASS-117-201 ..... c 18 N71-16046 *
US-PATENT-CLASS-117-201 ..... c 03 N72-24037 *
US-PATENT-CLASS-117-201 ..... c 25 N75-26043 *
US-PATENT-CLASS-117-211 ..... c 15 N72-25447 *
US-PATENT-CLASS-117-212 ..... c 09 N71-20705 *
US-PATENT-CLASS-117-212 ..... c 15 N71-29032 *
US-PATENT-CLASS-117-212 ..... c 26 N72-28762 *
US-PATENT-CLASS-117-217 ..... c 15 N72-25447 *
US-PATENT-CLASS-117-217 ..... c 26 N72-28762 *
US-PATENT-CLASS-117-21 ..... c 18 N69-39895 * #
US-PATENT-CLASS-117-224 ..... c 15 N71-28582 *
US-PATENT-CLASS-117-228 ..... c 06 N73-27980 *
US-PATENT-CLASS-117-234 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-235 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-237 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-239 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-240 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-33.3 ..... c 70 N74-13436 *
US-PATENT-CLASS-117-35R ..... c 06 N73-13128 *
US-PATENT-CLASS-117-35 ..... c 32 N79-19186 *
US-PATENT-CLASS-117-37 ..... c 15 N72-25452 *
US-PATENT-CLASS-117-38 ..... c 24 N75-33181 *
US-PATENT-CLASS-117-43 ..... c 31 N79-21227 *
US-PATENT-CLASS-117-45 ..... c 74 N74-20008 *
US-PATENT-CLASS-117-46FS .... c 24 N75-33181 *
US-PATENT-CLASS-117-46 ..... c 15 N71-16077 *
US-PATENT-CLASS-117-47R ..... c 15 N72-25452 *
US-PATENT-CLASS-117-50 ..... c 15 N71-15610 *
US-PATENT-CLASS-117-62 ..... c 15 N72-25447 *
US-PATENT-CLASS-117-62 ..... c 15 N72-25452 *
US-PATENT-CLASS-117-65.2 ..... c 18 N71-10772 *
US-PATENT-CLASS-117-66 ..... c 15 N73-32360 *
US-PATENT-CLASS-117-69 ..... c 18 N70-36400 *
US-PATENT-CLASS-117-69 ..... c 15 N71-16075 *
US-PATENT-CLASS-117-6 ..... c 14 N71-20461 *
US-PATENT-CLASS-117-6 ..... c 27 N81-15104 *
US-PATENT-CLASS-117-72 ..... c 35 N75-25122 *
US-PATENT-CLASS-117-8.5 ..... c 24 N75-33181 *
US-PATENT-CLASS-117-93.1GD . c 25 N75-12087 *
US-PATENT-CLASS-117-93.16D . c 15 N72-25447 *
US-PATENT-CLASS-117-93.3 ..... c 15 N72-25452 *
US-PATENT-CLASS-117-93.3 ..... c 37 N75-15992 *
US-PATENT-CLASS-117-95 ..... c 24 N74-19769 *
US-PATENT-CLASS-117-95 ..... c 36 N75-15029 *
US-PATENT-CLASS-117-97 ..... c 36 N75-15029 *
US-PATENT-CLASS-118-DIG.5 .... c 24 N92-10070 *
US-PATENT-CLASS-118-11 ..... c 15 N71-17647 *
US-PATENT-CLASS-118-300 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-308 ..... c 17 N71-24911 *
US-PATENT-CLASS-118-313 ..... c 51 N77-27677 *
US-PATENT-CLASS-118-320 ..... c 37 N82-24492 *
US-PATENT-CLASS-118-405 ..... c 76 N91-15898 *
US-PATENT-CLASS-118-407 ..... c 76 N91-15898 *
US-PATENT-CLASS-118-416 ..... c 24 N92-16025 *
US-PATENT-CLASS-118-419 ..... c 76 N91-15898 *
US-PATENT-CLASS-118-423 ..... c 37 N82-12441 *
US-PATENT-CLASS-118-428 ..... c 76 N91-15898 *
US-PATENT-CLASS-118-43 ..... c 25 N75-29192 *
US-PATENT-CLASS-118-48 ..... c 25 N75-26043 *
US-PATENT-CLASS-118-49.1 ..... c 15 N72-32487 *
US-PATENT-CLASS-118-49.1 ..... c 31 N75-12161 *
US-PATENT-CLASS-118-49.1 ..... c 25 N75-26043 *
US-PATENT-CLASS-118-49.5 ..... c 09 N71-26701 *
US-PATENT-CLASS-118-49 ..... c 25 N79-28253 *
US-PATENT-CLASS-118-50.1 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-50.1 ..... c 36 N84-22944 *
US-PATENT-CLASS-118-500 ..... c 37 N78-17383 *
US-PATENT-CLASS-118-500 ..... c 37 N82-12441 *
US-PATENT-CLASS-118-500 ..... c 37 N82-24492 *
US-PATENT-CLASS-118-500 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-503 ..... c 37 N82-24492 *
US-PATENT-CLASS-118-505 ..... c 37 N82-24492 *
US-PATENT-CLASS-118-50 ..... c 37 N78-17383 *
US-PATENT-CLASS-118-50 ..... c 37 N81-33482 *
US-PATENT-CLASS-118-50 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-52 ..... c 37 N81-33482 *
US-PATENT-CLASS-118-57 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-624 ..... c 36 N84-22944 *
US-PATENT-CLASS-118-62 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-641 ..... c 36 N84-22944 *
US-PATENT-CLASS-118-6 ..... c 51 N77-27677 *
US-PATENT-CLASS-118-7 ..... c 51 N77-27677 *
US-PATENT-CLASS-118-9 ..... c 51 N77-27677 *
US-PATENT-CLASS-119-15 ..... c 11 N71-22875 *
US-PATENT-CLASS-119-17 ..... c 51 N81-32829 *
US-PATENT-CLASS-119-18 ..... c 51 N81-32829 *
US-PATENT-CLASS-119-29 ..... c 51 N78-27733 *
US-PATENT-CLASS-119-51.11 .... c 35 N78-19466 *
US-PATENT-CLASS-119-51.13 .... c 51 N74-15778 *
US-PATENT-CLASS-119-51.5 ..... c 51 N74-15778 *
US-PATENT-CLASS-119-51R ..... c 51 N74-15778 *
US-PATENT-CLASS-119-52AF .... c 51 N74-15778 *
US-PATENT-CLASS-119-54 ..... c 51 N74-15778 *
US-PATENT-CLASS-119-72.5 ..... c 35 N78-19466 *
US-PATENT-CLASS-119-96 ..... c 05 N71-28619 *
US-PATENT-CLASS-121-38 ..... c 15 N70-35409 *
US-PATENT-CLASS-121-38 ..... c 02 N71-29128 *
US-PATENT-CLASS-122-32 ..... c 33 N72-20915 *
US-PATENT-CLASS-122-366 ..... c 34 N85-29180 *
US-PATENT-CLASS-122-366 ..... c 34 N86-27593 *
US-PATENT-CLASS-122-366 ..... c 34 N88-29133 *
US-PATENT-CLASS-122-366 ..... c 34 N89-14392 *
US-PATENT-CLASS-122-366 ..... c 27 N90-23541 *
US-PATENT-CLASS-122-366 ..... c 31 N90-23587 *
US-PATENT-CLASS-122-4D ..... c 25 N82-11144 *
US-PATENT-CLASS-123-DIG.12 . c 37 N76-18457 *
US-PATENT-CLASS-123-DIG.12 . c 44 N78-33526 *
US-PATENT-CLASS-123-DIG.12 . c 28 N80-10374 *
US-PATENT-CLASS-123-DIG.8 .... c 37 N77-31497 *
US-PATENT-CLASS-123-1A ..... c 44 N76-29700 *
US-PATENT-CLASS-123-1A ..... c 44 N78-33526 *
US-PATENT-CLASS-123-102 ..... c 11 N72-20244 *
US-PATENT-CLASS-123-119A .... c 37 N77-31497 *
US-PATENT-CLASS-123-119E .... c 37 N76-18457 *
US-PATENT-CLASS-123-120 ..... c 37 N76-18457 *
US-PATENT-CLASS-123-121 ..... c 37 N76-18457 *
US-PATENT-CLASS-123-122AB .. c 28 N72-22772 *
US-PATENT-CLASS-123-122AB .. c 37 N77-31497 *
US-PATENT-CLASS-123-122E ..... c 07 N77-23106 *
US-PATENT-CLASS-123-122E ..... c 37 N78-10467 *
US-PATENT-CLASS-123-148CB .. c 33 N77-28385 *
US-PATENT-CLASS-123-148DC .. c 37 N79-11405 *
US-PATENT-CLASS-123-148E ..... c 33 N77-28385 *
US-PATENT-CLASS-123-148E ..... c 37 N79-11405 *
US-PATENT-CLASS-123-179R .... c 28 N80-10374 *
US-PATENT-CLASS-123-193-P ... c 37 N88-23981 *
US-PATENT-CLASS-123-193P ..... c 37 N90-22042 *
US-PATENT-CLASS-123-197R .... c 37 N83-36483 *
US-PATENT-CLASS-123-37 ..... c 37 N77-31497 *
US-PATENT-CLASS-123-3 ..... c 44 N76-18642 *
US-PATENT-CLASS-123-3 ..... c 44 N76-29700 *
US-PATENT-CLASS-123-3 ..... c 44 N77-10636 *
US-PATENT-CLASS-123-3 ..... c 37 N77-31497 *
US-PATENT-CLASS-123-3 ..... c 44 N78-33526 *
US-PATENT-CLASS-123-3 ..... c 28 N80-10374 *
US-PATENT-CLASS-123-41.33 .... c 07 N77-23106 *
US-PATENT-CLASS-123-41.33 .... c 37 N78-10467 *
US-PATENT-CLASS-123-59E ..... c 37 N77-31497 *
US-PATENT-CLASS-123-78E ..... c 37 N83-36483 *
US-PATENT-CLASS-123-89A ..... c 37 N76-18457 *
US-PATENT-CLASS-124-11R ..... c 75 N76-17951 *
US-PATENT-CLASS-124-1 ..... c 75 N76-17951 *
US-PATENT-CLASS-124-3 ..... c 14 N92-15081 *
US-PATENT-CLASS-124-56 ..... c 18 N86-20469 *
US-PATENT-CLASS-124-6 ..... c 09 N77-19076 *
US-PATENT-CLASS-125-13R ..... c 37 N85-21650 *
US-PATENT-CLASS-125-15 ..... c 37 N85-21650 *
US-PATENT-CLASS-125-1 ..... c 46 N74-23069 *
US-PATENT-CLASS-125-20 ..... c 31 N83-27058 *
US-PATENT-CLASS-125-21 ..... c 37 N80-29703 *
US-PATENT-CLASS-125-23R ..... c 76 N80-18951 *
US-PATENT-CLASS-125-23R ..... c 37 N82-32730 *
US-PATENT-CLASS-125-3 ..... c 46 N74-23069 *
US-PATENT-CLASS-126-DIG.1 .... c 44 N85-30474 *
US-PATENT-CLASS-126-263 ..... c 44 N77-32581 *
US-PATENT-CLASS-126-263 ..... c 44 N78-17460 *
US-PATENT-CLASS-126-263 ..... c 44 N80-20808 *
US-PATENT-CLASS-126-263 ..... c 35 N85-29214 *
US-PATENT-CLASS-126-270 ..... c 09 N70-40234 *
US-PATENT-CLASS-126-270 ..... c 03 N70-41580 *
US-PATENT-CLASS-126-270 ..... c 34 N74-23039 *
US-PATENT-CLASS-126-270 ..... c 44 N76-14595 *
US-PATENT-CLASS-126-270 ..... c 44 N76-23675 *
US-PATENT-CLASS-126-270 ..... c 44 N76-24696 *
US-PATENT-CLASS-126-270 ..... c 35 N77-20401 *
US-PATENT-CLASS-126-270 ..... c 44 N77-32582 *
US-PATENT-CLASS-126-270 ..... c 44 N78-15560 *
US-PATENT-CLASS-126-270 ..... c 44 N78-19599 *
US-PATENT-CLASS-126-270 ..... c 44 N78-31526 *
US-PATENT-CLASS-126-270 ..... c 44 N79-11471 *
US-PATENT-CLASS-126-270 ..... c 44 N79-14526 *
US-PATENT-CLASS-126-270 ..... c 44 N79-23481 *
US-PATENT-CLASS-126-270 ..... c 44 N79-24432 *
US-PATENT-CLASS-126-271 ..... c 44 N75-32581 *
US-PATENT-CLASS-126-271 ..... c 44 N76-14602 *
US-PATENT-CLASS-126-271 ..... c 44 N76-22657 *
US-PATENT-CLASS-126-271 ..... c 44 N76-24696 *
US-PATENT-CLASS-126-271 ..... c 35 N77-20401 *
US-PATENT-CLASS-126-271 ..... c 44 N77-32582 *
US-PATENT-CLASS-126-271 ..... c 44 N78-10554 *
US-PATENT-CLASS-126-271 ..... c 44 N78-17460 *
US-PATENT-CLASS-126-271 ..... c 44 N78-31525 *
US-PATENT-CLASS-126-271 ..... c 44 N78-31526 *
US-PATENT-CLASS-126-271 ..... c 44 N79-11471 *
US-PATENT-CLASS-126-271 ..... c 44 N79-14526 *
US-PATENT-CLASS-126-271 ..... c 44 N79-14529 *
US-PATENT-CLASS-126-271 ..... c 44 N79-18443 *
US-PATENT-CLASS-126-271 ..... c 44 N79-23481 *
US-PATENT-CLASS-126-271 ..... c 44 N79-24433 *
US-PATENT-CLASS-126-400 ..... c 44 N78-15560 *
US-PATENT-CLASS-126-400 ..... c 44 N79-24433 *
US-PATENT-CLASS-126-400 ..... c 44 N85-30474 *
US-PATENT-CLASS-126-415 ..... c 44 N84-34792 *
US-PATENT-CLASS-126-415 ..... c 44 N85-30474 *
US-PATENT-CLASS-126-417 ..... c 44 N80-16452 *
US-PATENT-CLASS-126-417 ..... c 34 N84-22903 *
US-PATENT-CLASS-126-418 ..... c 44 N84-28204 *
US-PATENT-CLASS-126-418 ..... c 44 N86-27706 *
US-PATENT-CLASS-126-419 ..... c 44 N80-20810 *
US-PATENT-CLASS-126-419 ..... c 44 N81-17518 *
US-PATENT-CLASS-126-419 ..... c 44 N84-28203 *
US-PATENT-CLASS-126-419 ..... c 44 N85-30474 *
US-PATENT-CLASS-126-419 ..... c 44 N86-27706 *
US-PATENT-CLASS-126-422 ..... c 44 N82-18686 *
US-PATENT-CLASS-126-423 ..... c 34 N88-23958 *
US-PATENT-CLASS-126-425 ..... c 44 N88-14492 *
US-PATENT-CLASS-126-429 ..... c 44 N82-18686 *
US-PATENT-CLASS-126-430 ..... c 44 N82-18686 *
US-PATENT-CLASS-126-433 ..... c 44 N92-29143 *
US-PATENT-CLASS-126-434 ..... c 44 N80-20810 *
US-PATENT-CLASS-126-436 ..... c 44 N92-29143 *
US-PATENT-CLASS-126-437 ..... c 44 N80-20810 *
US-PATENT-CLASS-126-438 ..... c 44 N80-14473 *
US-PATENT-CLASS-126-438 ..... c 44 N82-16475 *
US-PATENT-CLASS-126-438 ..... c 44 N84-28203 *
US-PATENT-CLASS-126-438 ..... c 44 N84-28204 *
US-PATENT-CLASS-126-438 ..... c 44 N86-27706 *
US-PATENT-CLASS-126-440 ..... c 44 N84-28204 *
US-PATENT-CLASS-126-442 ..... c 44 N80-14473 *
US-PATENT-CLASS-126-443 ..... c 35 N89-12048 *
US-PATENT-CLASS-126-451 ..... c 44 N84-28203 *
US-PATENT-CLASS-126-900 ..... c 44 N85-30474 *
US-PATENT-CLASS-126-901 ..... c 44 N80-16452 *
US-PATENT-CLASS-126-901 ..... c 44 N83-34449 *
US-PATENT-CLASS-126-901 ..... c 35 N89-12048 *
US-PATENT-CLASS-126-91A ..... c 25 N79-11151 *
US-PATENT-CLASS-128.2.06E .... c 05 N75-24716 *
US-PATENT-CLASS-128.2.07 ..... c 52 N79-21750 *
US-PATENT-CLASS-128-DIG.12 . c 37 N77-28487 *
US-PATENT-CLASS-128-DIG.12 . c 51 N81-14605 *
US-PATENT-CLASS-128-DIG.13 . c 52 N83-27577 *
US-PATENT-CLASS-128-DIG.16 . c 51 N81-14605 *
US-PATENT-CLASS-128-DIG.20 . c 52 N76-19785 *
US-PATENT-CLASS-128-DIG.20 . c 37 N81-17433 *
US-PATENT-CLASS-128-DIG.25 . c 52 N81-25660 *
US-PATENT-CLASS-128-DIG.25 . c 52 N84-11744 *
US-PATENT-CLASS-128-DIG.26 . c 51 N81-14605 *
US-PATENT-CLASS-128-DIG.4 .... c 05 N72-27103 *
US-PATENT-CLASS-128-DIG.4 .... c 05 N75-24716 *
US-PATENT-CLASS-128-DIG.4 .... c 35 N76-24525 *
US-PATENT-CLASS-128-DIG.4 .... c 52 N77-28717 *
US-PATENT-CLASS-128-DIG.6 .... c 51 N81-14605 *
US-PATENT-CLASS-128-DIG.9 .... c 52 N80-16725 *
US-PATENT-CLASS-128-DIG.9 .... c 51 N81-14605 *
US-PATENT-CLASS-128-1.2 ..... c 52 N82-22875 *
US-PATENT-CLASS-128-1A ..... c 05 N73-32012 *
US-PATENT-CLASS-128-1A ..... c 54 N84-16803 *
US-PATENT-CLASS-128-1R ..... c 52 N77-25772 *
US-PATENT-CLASS-128-1R ..... c 52 N77-28716 *
US-PATENT-CLASS-128-1R ..... c 52 N81-25660 *
US-PATENT-CLASS-128-1R ..... c 52 N84-11744 *
US-PATENT-CLASS-128-142.2 .... c 54 N76-24900 *
US-PATENT-CLASS-128-142.5 .... c 05 N71-11190 *
US-PATENT-CLASS-128-142.5 .... c 05 N71-11203 *
US-PATENT-CLASS-128-142.5 .... c 05 N71-17599 *
US-PATENT-CLASS-128-142.5 .... c 05 N72-20096 *
US-PATENT-CLASS-128-142.5 .... c 05 N73-25125 *
US-PATENT-CLASS-128-142.7 .... c 54 N78-32721 *
US-PATENT-CLASS-128-142R .... c 54 N80-10799 *
US-PATENT-CLASS-128-145.8 .... c 54 N75-27761 *
US-PATENT-CLASS-128-15R ..... c 54 N84-16803 *
US-PATENT-CLASS-128-191R .... c 25 N74-12813 *

US-PATENT-CLASS-128-191R .... c 54 N80-10799 *
US-PATENT-CLASS-128-1 ..... c 05 N70-41819 *
US-PATENT-CLASS-128-1 ..... c 05 N71-20268 *
US-PATENT-CLASS-128-2.05A ... c 52 N74-26626 *
US-PATENT-CLASS-128-2.05A ... c 54 N75-13531 *
US-PATENT-CLASS-128-2.05E .... c 52 N74-27566 *
US-PATENT-CLASS-128-2.05E .... c 52 N76-29896 *
US-PATENT-CLASS-128-2.05F .... c 14 N73-32326 *
US-PATENT-CLASS-128-2.05P .... c 54 N75-13531 *
US-PATENT-CLASS-128-2.05R ... c 05 N73-27941 *
US-PATENT-CLASS-128-2.05R ... c 52 N76-29895 *
US-PATENT-CLASS-128-2.05R ... c 52 N79-10724 *
US-PATENT-CLASS-128-2.05S .... c 52 N74-26626 *
US-PATENT-CLASS-128-2.05T .... c 52 N74-12778 *
US-PATENT-CLASS-128-2.05V .... c 35 N76-24525 *
US-PATENT-CLASS-128-2.05Z .... c 54 N75-27760 *
US-PATENT-CLASS-128-2.05Z .... c 52 N79-18580 *
US-PATENT-CLASS-128-2.05 ..... c 05 N70-41329 *
US-PATENT-CLASS-128-2.05 ..... c 04 N71-23185 *
US-PATENT-CLASS-128-2.05 ..... c 05 N71-27234 *
US-PATENT-CLASS-128-2.06B ... c 05 N75-24716 *
US-PATENT-CLASS-128-2.06E .... c 52 N76-29896 *
US-PATENT-CLASS-128-2.06F .... c 52 N74-12778 *
US-PATENT-CLASS-128-2.06R ... c 05 N73-27941 *
US-PATENT-CLASS-128-2.06R ... c 52 N76-14757 *
US-PATENT-CLASS-128-2.06 ..... c 05 N69-21925 * #
US-PATENT-CLASS-128-2.06 ..... c 05 N71-22896 *
US-PATENT-CLASS-128-2.06 ..... c 09 N71-24618 *
US-PATENT-CLASS-128-2.06 ..... c 05 N71-26293 *
US-PATENT-CLASS-128-2.07 ..... c 05 N73-32015 *
US-PATENT-CLASS-128-2.07 ..... c 52 N74-20728 *
US-PATENT-CLASS-128-2.08 ..... c 05 N69-21473 * #
US-PATENT-CLASS-128-2.08 ..... c 05 N73-32015 *
US-PATENT-CLASS-128-2.08 ..... c 52 N74-20728 *
US-PATENT-CLASS-128-2.1A ..... c 09 N72-17153 *
US-PATENT-CLASS-128-2.1A ..... c 09 N72-22202 *
US-PATENT-CLASS-128-2.1A ..... c 52 N74-26625 *
US-PATENT-CLASS-128-2.1A ..... c 52 N76-14757 *
US-PATENT-CLASS-128-2.1A ..... c 52 N76-29894 *
US-PATENT-CLASS-128-2.1A ..... c 52 N79-18580 *
US-PATENT-CLASS-128-2.1E ..... c 05 N72-27103 *
US-PATENT-CLASS-128-2.1E ..... c 35 N76-24525 *
US-PATENT-CLASS-128-2.1E ..... c 52 N77-28717 *
US-PATENT-CLASS-128-2.1R ..... c 05 N73-26072 *
US-PATENT-CLASS-128-2.1Z ..... c 35 N76-24525 *
US-PATENT-CLASS-128-2.1 ..... c 05 N71-11193 *
US-PATENT-CLASS-128-2.1 ..... c 05 N71-12346 *
US-PATENT-CLASS-128-2.1 ..... c 05 N71-24729 *
US-PATENT-CLASS-128-2.1 ..... c 09 N71-26002 *
US-PATENT-CLASS-128-2.1 ..... c 05 N72-25120 *
US-PATENT-CLASS-128-2F ..... c 54 N76-14804 *
US-PATENT-CLASS-128-2H ..... c 52 N76-14757 *
US-PATENT-CLASS-128-2H ..... c 52 N76-29894 *
US-PATENT-CLASS-128-2H ..... c 52 N77-10780 *
US-PATENT-CLASS-128-2H ..... c 52 N77-14736 *
US-PATENT-CLASS-128-2N ..... c 05 N72-25122 *
US-PATENT-CLASS-128-2N ..... c 05 N73-13114 *
US-PATENT-CLASS-128-2P ..... c 52 N76-29894 *
US-PATENT-CLASS-128-2R ..... c 09 N72-22202 *
US-PATENT-CLASS-128-2R ..... c 52 N79-12694 *
US-PATENT-CLASS-128-2S ..... c 52 N74-10975 *
US-PATENT-CLASS-128-2S ..... c 52 N74-27864 *
US-PATENT-CLASS-128-2S ..... c 33 N75-31329 *
US-PATENT-CLASS-128-2S ..... c 33 N76-19338 *
US-PATENT-CLASS-128-2S ..... c 52 N76-29895 *
US-PATENT-CLASS-128-2S ..... c 52 N76-29896 *
US-PATENT-CLASS-128-2V ..... c 52 N74-20726 *
US-PATENT-CLASS-128-2V ..... c 35 N75-12271 *
US-PATENT-CLASS-128-2V ..... c 54 N75-27760 *
US-PATENT-CLASS-128-2V ..... c 52 N79-14751 *
US-PATENT-CLASS-128-2V ..... c 52 N79-18580 *
US-PATENT-CLASS-128-202.11 .. c 54 N86-28618 *
US-PATENT-CLASS-128-203 ..... c 54 N76-24900 *
US-PATENT-CLASS-128-204.18 .. c 51 N81-14605 *
US-PATENT-CLASS-128-206F ..... c 14 N73-24473 *
US-PATENT-CLASS-128-207.14 .. c 51 N81-14605 *
US-PATENT-CLASS-128-207.28 .. c 51 N81-14605 *
US-PATENT-CLASS-128-212 ..... c 54 N80-10799 *
US-PATENT-CLASS-128-214D .... c 52 N79-14749 *
US-PATENT-CLASS-128-214E .... c 52 N74-22771 *
US-PATENT-CLASS-128-214F .... c 37 N77-28487 *
US-PATENT-CLASS-128-230 ..... c 52 N75-33640 *
US-PATENT-CLASS-128-236 ..... c 51 N81-14605 *
US-PATENT-CLASS-128-24-A .... c 52 N84-34913 *
US-PATENT-CLASS-128-24A ..... c 05 N73-27062 *
US-PATENT-CLASS-128-24A ..... c 54 N75-27760 *
US-PATENT-CLASS-128-24 ..... c 05 N71-24738 *
US-PATENT-CLASS-128-25R ..... c 37 N74-18127 *
US-PATENT-CLASS-128-25 ..... c 05 N71-24738 *
US-PATENT-CLASS-128-26 ..... c 52 N76-19785 *
US-PATENT-CLASS-128-272 ..... c 15 N71-24835 *
US-PATENT-CLASS-128-272 ..... c 52 N79-14749 *
US-PATENT-CLASS-128-275 ..... c 15 N71-24835 *
US-PATENT-CLASS-128-275 ..... c 52 N81-29763 *
US-PATENT-CLASS-128-276 ..... c 52 N80-14684 *
US-PATENT-CLASS-128-276 ..... c 52 N80-18690 *
US-PATENT-CLASS-128-280 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-283 ..... c 05 N69-23192 * #
US-PATENT-CLASS-128-283 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-284 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-285 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-288 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-291 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-295 ..... c 05 N72-22093 *
US-PATENT-CLASS-128-295 ..... c 52 N81-24711 *
US-PATENT-CLASS-128-295 ..... c 52 N81-28740 *
US-PATENT-CLASS-128-296 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-29 ..... c 05 N70-39922 *
US-PATENT-CLASS-128-2 ..... c 05 N73-27062 *
US-PATENT-CLASS-128-303B .... c 52 N83-25346 *
US-PATENT-CLASS-128-303R .... c 52 N77-28716 *
US-PATENT-CLASS-128-305 ..... c 05 N73-27062 *
US-PATENT-CLASS-128-305 ..... c 52 N75-33640 *
US-PATENT-CLASS-128-305 ..... c 52 N78-14773 *
US-PATENT-CLASS-128-325 ..... c 52 N84-28388 *
US-PATENT-CLASS-128-327 ..... c 52 N82-11770 *
US-PATENT-CLASS-128-328 ..... c 52 N84-34913 *
US-PATENT-CLASS-128-329R .... c 52 N79-27836 *
US-PATENT-CLASS-128-346 ..... c 52 N81-25660 *
US-PATENT-CLASS-128-346 ..... c 52 N84-11744 *
US-PATENT-CLASS-128-346 ..... c 52 N84-28388 *
US-PATENT-CLASS-128-348 ..... c 52 N80-16725 *
US-PATENT-CLASS-128-379 ..... c 52 N77-14736 *
US-PATENT-CLASS-128-38 ..... c 54 N84-16803 *
US-PATENT-CLASS-128-400 ..... c 52 N77-14736 *
US-PATENT-CLASS-128-402 ..... c 05 N72-20096 *
US-PATENT-CLASS-128-402 ..... c 52 N77-14736 *
US-PATENT-CLASS-128-410 ..... c 52 N77-28717 *
US-PATENT-CLASS-128-417 ..... c 05 N72-25120 *
US-PATENT-CLASS-128-417 ..... c 05 N72-27103 *
US-PATENT-CLASS-128-418 ..... c 52 N76-29896 *
US-PATENT-CLASS-128-418 ..... c 52 N77-14738 *
US-PATENT-CLASS-128-419P ..... c 52 N76-29896 *
US-PATENT-CLASS-128-421 ..... c 52 N82-29863 *
US-PATENT-CLASS-128-422 ..... c 52 N82-33996 *
US-PATENT-CLASS-128-62A ..... c 52 N82-29862 *
US-PATENT-CLASS-128-639 ..... c 52 N79-27836 *
US-PATENT-CLASS-128-642 ..... c 52 N80-27072 *
US-PATENT-CLASS-128-642 ..... c 52 N81-14612 *
US-PATENT-CLASS-128-642 ..... c 52 N81-20703 *
US-PATENT-CLASS-128-660.06 .. c 71 N91-27914 *
US-PATENT-CLASS-128-660 ..... c 52 N79-26771 *
US-PATENT-CLASS-128-660 ..... c 52 N83-27578 *
US-PATENT-CLASS-128-660 ..... c 52 N85-30618 *
US-PATENT-CLASS-128-661.03 .. c 52 N90-21519 *
US-PATENT-CLASS-128-661.03 .. c 52 N92-11621 *
US-PATENT-CLASS-128-663 ..... c 52 N83-27578 *
US-PATENT-CLASS-128-665 ..... c 52 N81-27783 *
US-PATENT-CLASS-128-666 ..... c 52 N80-23969 *
US-PATENT-CLASS-128-671 ..... c 52 N91-14709 *
US-PATENT-CLASS-128-675 ..... c 35 N90-23706 *
US-PATENT-CLASS-128-686 ..... c 52 N82-11770 *
US-PATENT-CLASS-128-689 ..... c 52 N91-14709 *
US-PATENT-CLASS-128-690 ..... c 52 N80-23969 *
US-PATENT-CLASS-128-691 ..... c 52 N82-11770 *
US-PATENT-CLASS-128-6 ..... c 52 N80-16725 *
US-PATENT-CLASS-128-706 ..... c 52 N91-14709 *
US-PATENT-CLASS-128-715 ..... c 35 N92-33016 *
US-PATENT-CLASS-128-716 ..... c 52 N91-14709 *
US-PATENT-CLASS-128-736 ..... c 52 N85-30618 *
US-PATENT-CLASS-128-748 ..... c 52 N80-18691 *
US-PATENT-CLASS-128-748 ..... c 35 N90-23706 *
US-PATENT-CLASS-128-760 ..... c 52 N80-18690 *
US-PATENT-CLASS-128-760 ..... c 52 N81-29763 *
US-PATENT-CLASS-128-761 ..... c 52 N81-24711 *
US-PATENT-CLASS-128-774 ..... c 52 N80-27072 *
US-PATENT-CLASS-128-774 ..... c 52 N81-20703 *
US-PATENT-CLASS-128-774 ..... c 52 N83-25346 *
US-PATENT-CLASS-128-775 ..... c 35 N92-33016 *
US-PATENT-CLASS-128-778 ..... c 52 N82-22875 *
US-PATENT-CLASS-128-778 ..... c 35 N90-23706 *
US-PATENT-CLASS-128-782 ..... c 52 N80-27072 *
US-PATENT-CLASS-128-782 ..... c 39 N83-20280 *
US-PATENT-CLASS-128-782 ..... c 52 N83-25346 *
US-PATENT-CLASS-128-784 ..... c 52 N82-33996 *
US-PATENT-CLASS-128-80-E ..... c 54 N86-22112 *
US-PATENT-CLASS-128-80F ..... c 52 N81-25661 *
US-PATENT-CLASS-128-804 ..... c 52 N82-33996 *
US-PATENT-CLASS-128-89R ..... c 52 N81-25662 *
US-PATENT-CLASS-128-903 ..... c 52 N80-18691 *
US-PATENT-CLASS-128-92C ..... c 27 N78-17215 *
US-PATENT-CLASS-128-92G ..... c 27 N78-17215 *
US-PATENT-CLASS-129-16.7 ..... c 08 N71-15908 *
US-PATENT-CLASS-13-20 ..... c 11 N72-23215 *
US-PATENT-CLASS-13-20 ..... c 12 N79-26075 *
US-PATENT-CLASS-13-22 ..... c 12 N79-26075 *
US-PATENT-CLASS-13-24 ..... c 12 N79-26075 *
US-PATENT-CLASS-13-26 ..... c 33 N71-15625 *
US-PATENT-CLASS-13-26 ..... c 14 N71-23267 *
US-PATENT-CLASS-13-31 ..... c 11 N72-23215 *
US-PATENT-CLASS-13-31 ..... c 31 N74-27900 *
US-PATENT-CLASS-13-35 ..... c 33 N71-24145 *
US-PATENT-CLASS-134-137 ..... c 37 N82-12441 *
US-PATENT-CLASS-134-166C .... c 37 N87-17035 *
US-PATENT-CLASS-134-17 ..... c 43 N81-26509 *
US-PATENT-CLASS-134-21 ..... c 37 N76-18456 *
US-PATENT-CLASS-134-37 ..... c 37 N76-18456 *
US-PATENT-CLASS-134-37 ..... c 37 N85-21652 *
US-PATENT-CLASS-134-93 ..... c 37 N87-17035 *
US-PATENT-CLASS-135-1 ..... c 32 N70-36536 *
US-PATENT-CLASS-135-903 ..... c 37 N87-17036 *
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US-PATENT-CLASS-136-114 ..... c 44 N76-14601 *
US-PATENT-CLASS-136-132 ..... c 03 N71-11053 *
US-PATENT-CLASS-136-132 ..... c 03 N71-22974 *
US-PATENT-CLASS-136-133 ..... c 15 N69-24320 * #
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US-PATENT-CLASS-136-133 ..... c 03 N72-15986 *
US-PATENT-CLASS-136-135 ..... c 03 N72-15986 *
US-PATENT-CLASS-136-143 ..... c 44 N76-29699 *
US-PATENT-CLASS-136-146 ..... c 03 N69-21337 * #
US-PATENT-CLASS-136-146 ..... c 24 N76-14204 *
US-PATENT-CLASS-136-148 ..... c 24 N76-14204 *
US-PATENT-CLASS-136-148 ..... c 44 N82-24645 *
US-PATENT-CLASS-136-162 ..... c 44 N76-14601 *
US-PATENT-CLASS-136-166 ..... c 03 N71-23336 *
US-PATENT-CLASS-136-166 ..... c 03 N72-20032 *
US-PATENT-CLASS-136-170 ..... c 03 N71-11051 *
US-PATENT-CLASS-136-175 ..... c 03 N72-20034 *
US-PATENT-CLASS-136-179 ..... c 03 N70-41864 *
US-PATENT-CLASS-136-182 ..... c 03 N71-10728 *
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US-PATENT-CLASS-136-182 ..... c 44 N74-27519 *
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US-PATENT-CLASS-136-206 ..... c 44 N76-31666 *
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US-PATENT-CLASS-136-210 ..... c 44 N76-16612 *
US-PATENT-CLASS-136-211 ..... c 35 N76-15434 *
US-PATENT-CLASS-136-212 ..... c 35 N76-15434 *
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US-PATENT-CLASS-136-224 ..... c 14 N73-12447 *
US-PATENT-CLASS-136-225 ..... c 14 N73-24472 *
US-PATENT-CLASS-136-225 ..... c 35 N76-15434 *
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US-PATENT-CLASS-136-230 ..... c 14 N71-23039 *
US-PATENT-CLASS-136-230 ..... c 34 N74-27861 *
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US-PATENT-CLASS-136-233 ..... c 14 N72-27410 *
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US-PATENT-CLASS-136-233 ..... c 34 N74-27861 *
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US-PATENT-CLASS-136-255 ..... c 44 N83-14692 *
US-PATENT-CLASS-136-255 ..... c 33 N85-21492 *
US-PATENT-CLASS-136-255 ..... c 44 N85-30475 *
US-PATENT-CLASS-136-255 ..... c 76 N86-20150 *
US-PATENT-CLASS-136-255 ..... c 33 N87-23879 *
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US-PATENT-CLASS-136-86 ..... c 03 N71-29044 *
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US-PATENT-CLASS-136-89CC .... c 44 N78-25527 *
US-PATENT-CLASS-136-89CC .... c 44 N78-25529 *
US-PATENT-CLASS-136-89CC .... c 44 N79-11467 *
US-PATENT-CLASS-136-89CC .... c 44 N79-17314 *
US-PATENT-CLASS-136-89CC .... c 44 N79-25482 *
US-PATENT-CLASS-136-89CC .... c 44 N79-31752 *
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US-PATENT-CLASS-136-89H ..... c 44 N78-25529 *
US-PATENT-CLASS-136-89PC .... c 44 N79-25482 *
US-PATENT-CLASS-136-89PC .... c 44 N79-31753 *
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US-PATENT-CLASS-136-89 ..... c 26 N71-23043 *
US-PATENT-CLASS-136-89 ..... c 03 N71-23187 *
US-PATENT-CLASS-136-89 ..... c 03 N71-23449 *
US-PATENT-CLASS-136-89 ..... c 03 N71-33409 *
US-PATENT-CLASS-136-89 ..... c 03 N72-20031 *
US-PATENT-CLASS-136-89 ..... c 03 N72-22042 *
US-PATENT-CLASS-136-89 ..... c 31 N72-22874 *
US-PATENT-CLASS-136-89 ..... c 03 N72-24037 *
US-PATENT-CLASS-136-89 ..... c 09 N72-25259 *
US-PATENT-CLASS-136-89 ..... c 03 N72-27053 *
US-PATENT-CLASS-136-89 ..... c 09 N73-32109 *
US-PATENT-CLASS-136-89 ..... c 44 N74-14784 *
US-PATENT-CLASS-136-89 ..... c 44 N76-14600 *
US-PATENT-CLASS-136-89 ..... c 44 N76-28635 *
US-PATENT-CLASS-136-89 ..... c 44 N76-31666 *
US-PATENT-CLASS-136-89 ..... c 44 N77-10635 *
US-PATENT-CLASS-136-89 ..... c 44 N77-14580 *
US-PATENT-CLASS-136-89 ..... c 44 N77-19571 *
US-PATENT-CLASS-136-89 ..... c 44 N79-11468 *
US-PATENT-CLASS-136-90 ..... c 44 N76-14601 *
US-PATENT-CLASS-137-DIG.9 .... c 54 N76-24900 *
US-PATENT-CLASS-137-101 ..... c 07 N77-23106 *
US-PATENT-CLASS-137-104 ..... c 37 N78-10467 *
US-PATENT-CLASS-137-110 ..... c 54 N76-24900 *
US-PATENT-CLASS-137-116.3 .... c 37 N85-34403 *
US-PATENT-CLASS-137-13 ..... c 15 N71-15967 *
US-PATENT-CLASS-137-13 ..... c 15 N72-33477 *
US-PATENT-CLASS-137-14 ..... c 37 N79-33468 *
US-PATENT-CLASS-137-15.1 ..... c 02 N74-20646 *
US-PATENT-CLASS-137-15.1 ..... c 07 N74-31270 *
US-PATENT-CLASS-137-15.1 ..... c 07 N75-24736 *
US-PATENT-CLASS-137-15.1 ..... c 07 N77-18154 *
US-PATENT-CLASS-137-15.1 ..... c 07 N79-14096 *
US-PATENT-CLASS-137-15.1 ..... c 05 N79-24976 *
US-PATENT-CLASS-137-15.1 ..... c 07 N81-14999 *
US-PATENT-CLASS-137-15.2 ..... c 02 N74-20646 *
US-PATENT-CLASS-137-15.2 ..... c 35 N76-14431 *
US-PATENT-CLASS-137-154 ..... c 15 N73-27406 *
US-PATENT-CLASS-137-154 ..... c 31 N90-20254 *
US-PATENT-CLASS-137-177 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-197 ..... c 15 N70-41646 *
US-PATENT-CLASS-137-197 ..... c 35 N78-12390 *
US-PATENT-CLASS-137-1 ..... c 12 N70-38997 *
US-PATENT-CLASS-137-1 ..... c 15 N73-27406 *
US-PATENT-CLASS-137-207 ..... c 34 N77-30399 *
US-PATENT-CLASS-137-209 ..... c 34 N77-30399 *
US-PATENT-CLASS-137-209 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-340 ..... c 15 N70-34817 *
US-PATENT-CLASS-137-340 ..... c 15 N70-35087 *
US-PATENT-CLASS-137-341 ..... c 12 N71-17661 *
US-PATENT-CLASS-137-375 ..... c 37 N80-23654 *
US-PATENT-CLASS-137-397 ..... c 15 N73-26472 *
US-PATENT-CLASS-137-469 ..... c 05 N72-20097 *
US-PATENT-CLASS-137-484.2 .... c 34 N78-25351 *
US-PATENT-CLASS-137-487.5 .... c 14 N73-13418 *
US-PATENT-CLASS-137-491 ..... c 15 N69-21924 * #
US-PATENT-CLASS-137-493 ..... c 52 N81-25660 *
US-PATENT-CLASS-137-495 ..... c 15 N70-38603 *
US-PATENT-CLASS-137-496 ..... c 15 N71-22706 *
US-PATENT-CLASS-137-501 ..... c 34 N78-25351 *
US-PATENT-CLASS-137-505.12 .. c 14 N71-18625 *
US-PATENT-CLASS-137-505.16 .. c 34 N78-25351 *
US-PATENT-CLASS-137-505.25 .. c 37 N78-25426 *
US-PATENT-CLASS-137-505.38 .. c 37 N75-15050 *
US-PATENT-CLASS-137-505.42 .. c 37 N75-15050 *
US-PATENT-CLASS-137-515.3 .... c 37 N76-14463 *
US-PATENT-CLASS-137-516.27 .. c 15 N73-30459 *
US-PATENT-CLASS-137-535 ..... c 15 N73-30459 *
US-PATENT-CLASS-137-535 ..... c 05 N73-32014 *
US-PATENT-CLASS-137-538 ..... c 05 N73-25125 *
US-PATENT-CLASS-137-539 ..... c 15 N70-41811 *
US-PATENT-CLASS-137-549 ..... c 37 N81-17433 *
US-PATENT-CLASS-137-550 ..... c 37 N76-14463 *
US-PATENT-CLASS-137-554 ..... c 09 N71-23191 *
US-PATENT-CLASS-137-556 ..... c 34 N91-14563 *
US-PATENT-CLASS-137-559 ..... c 11 N73-12265 *
US-PATENT-CLASS-137-574 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-576 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-582 ..... c 32 N71-16103 *
US-PATENT-CLASS-137-582 ..... c 32 N71-16106 *
US-PATENT-CLASS-137-582 ..... c 15 N71-19569 *
US-PATENT-CLASS-137-582 ..... c 15 N73-26472 *
US-PATENT-CLASS-137-590 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-594 ..... c 12 N71-18615 *
US-PATENT-CLASS-137-604 ..... c 15 N73-27406 *
US-PATENT-CLASS-137-606 ..... c 37 N87-21332 *
US-PATENT-CLASS-137-608 ..... c 15 N73-13462 *
US-PATENT-CLASS-137-614.06 .. c 37 N79-11402 *
US-PATENT-CLASS-137-614.11 .. c 37 N87-25573 *
US-PATENT-CLASS-137-614.18 .. c 37 N87-25573 *
US-PATENT-CLASS-137-614 ..... c 15 N70-36492 *
US-PATENT-CLASS-137-615 ..... c 12 N71-16031 *
US-PATENT-CLASS-137-624.11 .. c 35 N78-19466 *
US-PATENT-CLASS-137-624.14 .. c 03 N69-21469 * #
US-PATENT-CLASS-137-625.38 .. c 37 N78-25426 *
US-PATENT-CLASS-137-625.3 .... c 37 N78-25426 *
US-PATENT-CLASS-137-625.4 .... c 37 N80-23654 *
US-PATENT-CLASS-137-625.5 .... c 15 N71-23051 *
US-PATENT-CLASS-137-625.69 .. c 15 N70-36908 *
US-PATENT-CLASS-137-628 ..... c 37 N74-21065 *
US-PATENT-CLASS-137-637.05 .. c 37 N79-11402 *
US-PATENT-CLASS-137-81.5 ..... c 12 N69-21466 * #
US-PATENT-CLASS-137-81.5 ..... c 15 N71-15609 *
US-PATENT-CLASS-137-81.5 ..... c 12 N71-17578 *
US-PATENT-CLASS-137-81.5 ..... c 12 N71-17579 *
US-PATENT-CLASS-137-81.5 ..... c 10 N71-25899 *
US-PATENT-CLASS-137-81.5 ..... c 12 N71-27332 *
US-PATENT-CLASS-137-81.5 ..... c 12 N71-28741 *
US-PATENT-CLASS-137-81.5 ..... c 28 N72-22772 *
US-PATENT-CLASS-137-81.5 ..... c 15 N72-33477 *
US-PATENT-CLASS-137-81.5 ..... c 15 N73-13462 *
US-PATENT-CLASS-137-81.5 ..... c 28 N73-13773 *
US-PATENT-CLASS-137-819 ..... c 33 N74-11050 *
US-PATENT-CLASS-137-81 ..... c 05 N72-20097 *
US-PATENT-CLASS-137-81 ..... c 14 N73-13418 *
US-PATENT-CLASS-137-833 ..... c 33 N74-11050 *
US-PATENT-CLASS-137-838 ..... c 71 N84-28568 *
US-PATENT-CLASS-137-840 ..... c 33 N74-11050 *
US-PATENT-CLASS-137-886 ..... c 37 N81-17433 *
US-PATENT-CLASS-137-887 ..... c 37 N81-17433 *
US-PATENT-CLASS-137-99 ..... c 37 N85-34403 *
US-PATENT-CLASS-138.8R ..... c 27 N81-15104 *
US-PATENT-CLASS-138-103 ..... c 52 N80-16725 *
US-PATENT-CLASS-138-113 ..... c 34 N75-12222 *
US-PATENT-CLASS-138-114 ..... c 34 N75-12222 *
US-PATENT-CLASS-138-119 ..... c 32 N70-41579 *
US-PATENT-CLASS-138-120 ..... c 54 N86-28619 *
US-PATENT-CLASS-138-120 ..... c 54 N86-28620 *
US-PATENT-CLASS-138-120 ..... c 54 N86-29507 * #
US-PATENT-CLASS-138-133 ..... c 52 N80-16725 *
US-PATENT-CLASS-138-141 ..... c 24 N90-25196 *
US-PATENT-CLASS-138-148 ..... c 34 N75-12222 *
US-PATENT-CLASS-138-149 ..... c 24 N90-25196 *
US-PATENT-CLASS-138-153 ..... c 24 N90-25196 *
US-PATENT-CLASS-138-178 ..... c 15 N72-20445 *
US-PATENT-CLASS-138-26 ..... c 31 N91-25305 *
US-PATENT-CLASS-138-30 ..... c 31 N91-25305 *
US-PATENT-CLASS-138-33 ..... c 52 N80-16725 *
US-PATENT-CLASS-138-38 ..... c 02 N88-14071 *
US-PATENT-CLASS-138-38 ..... c 34 N88-29133 *
US-PATENT-CLASS-138-42 ..... c 15 N71-15608 *
US-PATENT-CLASS-138-42 ..... c 44 N84-14583 *
US-PATENT-CLASS-138-43 ..... c 15 N71-19213 *
US-PATENT-CLASS-138-45 ..... c 15 N71-18580 *
US-PATENT-CLASS-138-45 ..... c 15 N73-13462 *
US-PATENT-CLASS-138-46 ..... c 12 N71-18615 *
US-PATENT-CLASS-138-4 ..... c 15 N71-18580 *
US-PATENT-CLASS-138-96R ..... c 37 N79-22474 *
US-PATENT-CLASS-138-97 ..... c 37 N86-32736 * #
US-PATENT-CLASS-139-425R .... c 28 N72-11708 *
US-PATENT-CLASS-14-71.5 ..... c 18 N91-14374 *
US-PATENT-CLASS-140-105 ..... c 15 N72-12408 *
US-PATENT-CLASS-140-123 ..... c 15 N71-15918 *
US-PATENT-CLASS-140-124 ..... c 15 N71-10809 *
US-PATENT-CLASS-141-197 ..... c 35 N78-10428 *
US-PATENT-CLASS-141-198 ..... c 25 N86-27431 *
US-PATENT-CLASS-141-23 ..... c 15 N72-21465 *
US-PATENT-CLASS-141-258 ..... c 14 N71-27005 *
US-PATENT-CLASS-141-45 ..... c 29 N90-20236 *
US-PATENT-CLASS-141-4 ..... c 35 N78-10428 *
US-PATENT-CLASS-141-5 ..... c 33 N71-20834 *
US-PATENT-CLASS-141-91 ..... c 12 N71-21089 *
US-PATENT-CLASS-141-93 ..... c 31 N90-20254 *
US-PATENT-CLASS-148-DIG.22 . c 76 N92-22035 *
US-PATENT-CLASS-148-DIG.26 . c 76 N85-30922 *
US-PATENT-CLASS-148-1.5 ..... c 26 N71-10607 *
US-PATENT-CLASS-148-1.5 ..... c 26 N71-23654 *
US-PATENT-CLASS-148-1.5 ..... c 76 N74-20329 *
US-PATENT-CLASS-148-1.5 ..... c 44 N80-29835 *
US-PATENT-CLASS-148-1.5 ..... c 33 N81-26360 *
US-PATENT-CLASS-148-1.5 ..... c 44 N82-26777 *
US-PATENT-CLASS-148-1.5 ..... c 44 N82-29709 *
US-PATENT-CLASS-148-1.5 ..... c 44 N86-32875 *
US-PATENT-CLASS-148-11.5R ... c 15 N73-13465 *
US-PATENT-CLASS-148-12.4 ..... c 26 N79-22271 *
US-PATENT-CLASS-148-12.7A ... c 26 N78-24333 *
US-PATENT-CLASS-148-12.7N ... c 26 N77-20201 *
US-PATENT-CLASS-148-12F ..... c 26 N79-22271 *
US-PATENT-CLASS-148-121 ..... c 76 N79-16678 *
US-PATENT-CLASS-148-125 ..... c 26 N78-24333 *
US-PATENT-CLASS-148-126 ..... c 17 N71-24142 *
US-PATENT-CLASS-148-126 ..... c 18 N71-26153 *
US-PATENT-CLASS-148-126 ..... c 18 N71-28729 *
US-PATENT-CLASS-148-126 ..... c 26 N74-10521 *
US-PATENT-CLASS-148-127 ..... c 26 N75-29236 *
US-PATENT-CLASS-148-13.1 ..... c 76 N90-19884 *
US-PATENT-CLASS-148-131 ..... c 26 N80-28492 *
US-PATENT-CLASS-148-13 ..... c 14 N71-25892 *
US-PATENT-CLASS-148-13 ..... c 76 N90-19884 *
US-PATENT-CLASS-148-149 ..... c 09 N90-23415 *
US-PATENT-CLASS-148-159 ..... c 26 N89-28621 *
US-PATENT-CLASS-148-16.6 ..... c 26 N88-14179 *
US-PATENT-CLASS-148-162 ..... c 26 N77-20201 *
US-PATENT-CLASS-148-162 ..... c 26 N87-28647 *
US-PATENT-CLASS-148-173 ..... c 76 N83-20789 *
US-PATENT-CLASS-148-174 ..... c 26 N71-29156 *
US-PATENT-CLASS-148-174 ..... c 44 N76-28635 *
US-PATENT-CLASS-148-174 ..... c 44 N78-24609 *
US-PATENT-CLASS-148-174 ..... c 76 N85-30922 *
US-PATENT-CLASS-148-174 ..... c 76 N87-15882 *
US-PATENT-CLASS-148-175 ..... c 25 N75-26043 *
US-PATENT-CLASS-148-175 ..... c 76 N76-25049 *
US-PATENT-CLASS-148-175 ..... c 44 N76-28635 *
US-PATENT-CLASS-148-175 ..... c 44 N82-28780 *
US-PATENT-CLASS-148-175 ..... c 76 N83-20789 *
US-PATENT-CLASS-148-175 ..... c 76 N85-30922 *
US-PATENT-CLASS-148-175 ..... c 76 N87-15882 *
US-PATENT-CLASS-148-187 ..... c 26 N72-17820 *
US-PATENT-CLASS-148-187 ..... c 14 N72-28438 *
US-PATENT-CLASS-148-187 ..... c 33 N81-26360 *
US-PATENT-CLASS-148-187 ..... c 35 N87-14671 *
US-PATENT-CLASS-148-188 ..... c 24 N71-10560 *
US-PATENT-CLASS-148-188 ..... c 09 N71-12513 *
US-PATENT-CLASS-148-188 ..... c 44 N79-11468 *
US-PATENT-CLASS-148-188 ..... c 35 N87-14671 *
US-PATENT-CLASS-148-189 ..... c 35 N87-14671 *
US-PATENT-CLASS-148-190 ..... c 35 N87-14671 *
US-PATENT-CLASS-148-20.3 ..... c 26 N77-20201 *
US-PATENT-CLASS-148-2 ..... c 26 N77-20201 *
US-PATENT-CLASS-148-2 ..... c 26 N79-22271 *
US-PATENT-CLASS-148-32 ..... c 26 N78-18183 *
US-PATENT-CLASS-148-32.5 ..... c 17 N72-22535 *
US-PATENT-CLASS-148-32.5 ..... c 26 N77-20201 *
US-PATENT-CLASS-148-32.5 ..... c 26 N77-32280 *
US-PATENT-CLASS-148-32.5 ..... c 26 N78-18183 *

US-PATENT-CLASS-148-32 ..... c 26 N77-32279 *
US-PATENT-CLASS-148-32 ..... c 26 N80-23419 *
US-PATENT-CLASS-148-33.2 ..... c 76 N85-30922 *
US-PATENT-CLASS-148-402 ..... c 52 N92-33032 *
US-PATENT-CLASS-148-410 ..... c 26 N87-28647 *
US-PATENT-CLASS-148-416 ..... c 26 N89-28621 *
US-PATENT-CLASS-148-417 ..... c 26 N89-28621 *
US-PATENT-CLASS-148-428 ..... c 26 N82-31505 *
US-PATENT-CLASS-148-429 ..... c 26 N87-14482 *
US-PATENT-CLASS-148-4 ..... c 09 N90-23415 *
US-PATENT-CLASS-148-6.11 ..... c 15 N71-24875 *
US-PATENT-CLASS-148-6.16 ..... c 18 N71-23047 *
US-PATENT-CLASS-148-6.20 ..... c 17 N71-23828 *
US-PATENT-CLASS-148-6.3 ..... c 17 N71-33408 *
US-PATENT-CLASS-148-6.3 ..... c 44 N79-18444 *
US-PATENT-CLASS-148-6.3 ..... c 26 N87-25455 *
US-PATENT-CLASS-148-6 ..... c 18 N71-29040 *
US-PATENT-CLASS-148-6 ..... c 76 N79-16678 *
US-PATENT-CLASS-148-902 ..... c 09 N90-23415 *
US-PATENT-CLASS-148-903 ..... c 09 N90-23415 *
US-PATENT-CLASS-149-105 ..... c 28 N78-31255 *
US-PATENT-CLASS-149-108.4 .... c 28 N80-23471 *
US-PATENT-CLASS-149-108.4 .... c 28 N81-15119 *
US-PATENT-CLASS-149-109 ..... c 27 N70-41897 *
US-PATENT-CLASS-149-111 ..... c 28 N78-31255 *
US-PATENT-CLASS-149-15 ..... c 44 N80-20808 *
US-PATENT-CLASS-149-17 ..... c 28 N74-33209 *
US-PATENT-CLASS-149-19.2 ..... c 28 N80-28536 *
US-PATENT-CLASS-149-19.4 ..... c 28 N78-31255 *
US-PATENT-CLASS-149-19.4 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-19.4 ..... c 28 N79-28342 *
US-PATENT-CLASS-149-19.8 ..... c 28 N78-31255 *
US-PATENT-CLASS-149-19.92 .... c 28 N79-14228 *
US-PATENT-CLASS-149-19.9 ..... c 28 N79-14228 *
US-PATENT-CLASS-149-19.9 ..... c 28 N79-28342 *
US-PATENT-CLASS-149-19.9 ..... c 28 N80-28536 *
US-PATENT-CLASS-149-19 ..... c 27 N71-14090 *
US-PATENT-CLASS-149-19 ..... c 27 N72-25699 *
US-PATENT-CLASS-149-19 ..... c 27 N73-16764 *
US-PATENT-CLASS-149-1 ..... c 23 N71-16212 *
US-PATENT-CLASS-149-1 ..... c 06 N73-30097 *
US-PATENT-CLASS-149-1 ..... c 28 N80-20402 *
US-PATENT-CLASS-149-1 ..... c 28 N81-14103 *
US-PATENT-CLASS-149-20 ..... c 27 N72-25699 *
US-PATENT-CLASS-149-20 ..... c 28 N79-14228 *
US-PATENT-CLASS-149-20 ..... c 28 N79-28342 *
US-PATENT-CLASS-149-20 ..... c 28 N80-28536 *
US-PATENT-CLASS-149-2 ..... c 12 N70-40124 *
US-PATENT-CLASS-149-36 ..... c 27 N72-25699 *
US-PATENT-CLASS-149-36 ..... c 27 N73-16764 *
US-PATENT-CLASS-149-36 ..... c 06 N73-30097 *
US-PATENT-CLASS-149-36 ..... c 24 N76-14203 *
US-PATENT-CLASS-149-37 ..... c 44 N80-20808 *
US-PATENT-CLASS-149-42 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-43 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-44 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-60 ..... c 28 N74-33209 *
US-PATENT-CLASS-149-76 ..... c 28 N74-33209 *
US-PATENT-CLASS-149-76 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-83 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-85 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-88 ..... c 28 N78-31255 *
US-PATENT-CLASS-149-92 ..... c 27 N72-25699 *
US-PATENT-CLASS-149-92 ..... c 28 N78-31255 *
US-PATENT-CLASS-149-93 ..... c 28 N78-31255 *
US-PATENT-CLASS-15-143 ..... c 15 N72-11390 *
US-PATENT-CLASS-15-210 ..... c 15 N72-11390 *
US-PATENT-CLASS-15-230.11 .... c 37 N92-28754 *
US-PATENT-CLASS-15-230.16 .... c 37 N79-10422 *
US-PATENT-CLASS-15-230.17 .... c 37 N79-10422 *
US-PATENT-CLASS-15-406 ..... c 37 N85-21652 *
US-PATENT-CLASS-15-415 ..... c 14 N73-30395 *
US-PATENT-CLASS-150-11 ..... c 37 N81-14317 *
US-PATENT-CLASS-150-1 ..... c 52 N79-14749 *
US-PATENT-CLASS-151-41.76 .... c 37 N80-23653 *
US-PATENT-CLASS-152-11 ..... c 31 N71-18611 *
US-PATENT-CLASS-152-225 ..... c 15 N71-27091 *
US-PATENT-CLASS-152-250 ..... c 15 N71-27091 *
US-PATENT-CLASS-152-330RF .. c 37 N81-24443 *
US-PATENT-CLASS-152-353G .... c 37 N81-24443 *
US-PATENT-CLASS-152-353R .... c 37 N81-24443 *
US-PATENT-CLASS-152-379.4 .... c 37 N81-24443 *
US-PATENT-CLASS-156.307.7 .... c 27 N82-11206 *
US-PATENT-CLASS-156-DIG.113 c 76 N90-24169 *
US-PATENT-CLASS-156-DIG.113 c 76 N92-25398 *
US-PATENT-CLASS-156-DIG.6-8 c 76 N79-23798 *
US-PATENT-CLASS-156-DIG.62 . c 76 N77-32919 *
US-PATENT-CLASS-156-DIG.62 . c 35 N83-24828 *
US-PATENT-CLASS-156-DIG.62 . c 33 N85-29142 *
US-PATENT-CLASS-156-DIG.62 . c 76 N90-23242 *
US-PATENT-CLASS-156-DIG.62 . c 76 N90-24169 *
US-PATENT-CLASS-156-DIG.62 . c 76 N92-25398 *
US-PATENT-CLASS-156-DIG.64 . c 76 N79-11920 *
US-PATENT-CLASS-156-DIG.64 . c 44 N80-24741 *
US-PATENT-CLASS-156-DIG.64 . c 76 N80-32245 *
US-PATENT-CLASS-156-DIG.64 . c 76 N84-35113 *
US-PATENT-CLASS-156-DIG.64 . c 76 N92-21499 *
US-PATENT-CLASS-156-DIG.65 . c 76 N79-11920 *
US-PATENT-CLASS-156-DIG.65 . c 76 N85-30922 *
US-PATENT-CLASS-156-DIG.6 .... c 76 N83-35888 *
US-PATENT-CLASS-156-DIG.70 . c 76 N88-24544 *
US-PATENT-CLASS-156-DIG.70 . c 76 N88-24545 *
US-PATENT-CLASS-156-DIG.72 . c 76 N88-24544 *
US-PATENT-CLASS-156-DIG.72 . c 76 N88-24545 *
US-PATENT-CLASS-156-DIG.72 . c 76 N90-23242 *
US-PATENT-CLASS-156-DIG.73 . c 76 N83-35888 *
US-PATENT-CLASS-156-DIG.73 . c 27 N83-36220 *
US-PATENT-CLASS-156-DIG.82 . c 76 N88-24544 *
US-PATENT-CLASS-156-DIG.82 . c 76 N88-24545 *
US-PATENT-CLASS-156-DIG.84 . c 76 N88-24545 *
US-PATENT-CLASS-156-DIG.88 . c 76 N79-11920 *
US-PATENT-CLASS-156-DIG.88 . c 76 N80-32245 *
US-PATENT-CLASS-156-DIG.88 . c 76 N84-35113 *
US-PATENT-CLASS-156-DIG.88 . c 76 N85-30922 *
US-PATENT-CLASS-156-DIG.88 . c 76 N86-28760 *
US-PATENT-CLASS-156-DIG.89 . c 27 N83-36220 *
US-PATENT-CLASS-156-DIG.89 . c 76 N88-24545 *
US-PATENT-CLASS-156-DIG.92 . c 76 N88-24545 *
US-PATENT-CLASS-156-DIG.96 . c 76 N80-32244 *
US-PATENT-CLASS-156-DIG.96 . c 33 N81-19389 *
US-PATENT-CLASS-156-DIG.98 . c 76 N84-35113 *
US-PATENT-CLASS-156-104 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-153 ..... c 24 N90-25197 *
US-PATENT-CLASS-156-154 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-154 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-157 ..... c 33 N82-26571 *
US-PATENT-CLASS-156-160 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-161 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-163 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-163 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-165 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-166 ..... c 74 N85-29749 *
US-PATENT-CLASS-156-166 ..... c 24 N92-10070 *
US-PATENT-CLASS-156-16 ..... c 74 N75-12732 *
US-PATENT-CLASS-156-172 ..... c 15 N71-17651 *
US-PATENT-CLASS-156-172 ..... c 24 N91-25199 *
US-PATENT-CLASS-156-17 ..... c 76 N79-21910 *
US-PATENT-CLASS-156-187 ..... c 24 N91-25199 *
US-PATENT-CLASS-156-18 ..... c 26 N73-26752 *
US-PATENT-CLASS-156-18 ..... c 74 N75-12732 *
US-PATENT-CLASS-156-191 ..... c 52 N84-28389 *
US-PATENT-CLASS-156-212 ..... c 03 N71-26726 *
US-PATENT-CLASS-156-212 ..... c 24 N80-26388 *
US-PATENT-CLASS-156-212 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-213 ..... c 24 N80-26388 *
US-PATENT-CLASS-156-215 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-218 ..... c 54 N74-32546 *
US-PATENT-CLASS-156-229 ..... c 24 N77-28225 *
US-PATENT-CLASS-156-229 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-230 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-233 ..... c 35 N88-30108 *
US-PATENT-CLASS-156-235 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-242 ..... c 15 N69-24322 * #
US-PATENT-CLASS-156-242 ..... c 37 N76-24575 *
US-PATENT-CLASS-156-242 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-245 ..... c 31 N74-18089 *
US-PATENT-CLASS-156-245 ..... c 24 N78-17149 *
US-PATENT-CLASS-156-245 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-247 ..... c 31 N74-18089 *
US-PATENT-CLASS-156-247 ..... c 35 N88-30108 *
US-PATENT-CLASS-156-249 ..... c 24 N90-25197 *
US-PATENT-CLASS-156-250 ..... c 03 N72-25019 *
US-PATENT-CLASS-156-252 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-264 ..... c 05 N72-25121 *
US-PATENT-CLASS-156-264 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-264 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-264 ..... c 31 N83-34073 *
US-PATENT-CLASS-156-267 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-272.4 .... c 31 N85-29083 *
US-PATENT-CLASS-156-272.4 .... c 35 N88-30108 *
US-PATENT-CLASS-156-272 ..... c 27 N80-32516 *
US-PATENT-CLASS-156-272 ..... c 33 N82-26571 *
US-PATENT-CLASS-156-273.7 .... c 27 N85-20125 *
US-PATENT-CLASS-156-273.9 .... c 31 N85-29083 *
US-PATENT-CLASS-156-274.8 .... c 35 N88-30108 *
US-PATENT-CLASS-156-275.5 .... c 35 N88-30108 *
US-PATENT-CLASS-156-278 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-283 ..... c 24 N92-10070 *
US-PATENT-CLASS-156-285 ..... c 15 N71-23052 *
US-PATENT-CLASS-156-285 ..... c 18 N73-30532 *
US-PATENT-CLASS-156-285 ..... c 31 N74-18089 *
US-PATENT-CLASS-156-285 ..... c 24 N74-27035 *
US-PATENT-CLASS-156-285 ..... c 24 N78-17149 *
US-PATENT-CLASS-156-285 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-285 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-285 ..... c 24 N80-26388 *
US-PATENT-CLASS-156-285 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-285 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-285 ..... c 52 N84-28389 *
US-PATENT-CLASS-156-286 ..... c 37 N76-21554 *
US-PATENT-CLASS-156-286 ..... c 37 N76-24575 *
US-PATENT-CLASS-156-286 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-286 ..... c 37 N87-23981 *
US-PATENT-CLASS-156-286 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-289 ..... c 24 N78-17149 *
US-PATENT-CLASS-156-289 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-289 ..... c 52 N84-28389 *
US-PATENT-CLASS-156-289 ..... c 37 N87-23981 *
US-PATENT-CLASS-156-289 ..... c 24 N90-25197 *
US-PATENT-CLASS-156-290 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-292 ..... c 27 N80-32516 *
US-PATENT-CLASS-156-292 ..... c 24 N81-17170 *
US-PATENT-CLASS-156-294 ..... c 37 N81-14317 *
US-PATENT-CLASS-156-294 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-294 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-295 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-297 ..... c 27 N89-12741 *
US-PATENT-CLASS-156-298 ..... c 37 N87-23981 *
US-PATENT-CLASS-156-299 ..... c 27 N89-12741 *
US-PATENT-CLASS-156-300 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-303 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-304.3 .... c 27 N84-22748 *
US-PATENT-CLASS-156-304.6 .... c 27 N84-22748 *
US-PATENT-CLASS-156-306 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-307.1 .... c 37 N87-23981 *
US-PATENT-CLASS-156-307.3 .... c 27 N82-11206 *
US-PATENT-CLASS-156-307.3 .... c 37 N87-23981 *
US-PATENT-CLASS-156-307.5 .... c 27 N82-11206 *
US-PATENT-CLASS-156-307.7 .... c 37 N87-23981 *
US-PATENT-CLASS-156-307.7 .... c 35 N88-30108 *
US-PATENT-CLASS-156-307 ..... c 27 N86-20561 *
US-PATENT-CLASS-156-308 ..... c 05 N72-25121 *
US-PATENT-CLASS-156-309.9 .... c 27 N86-20561 *
US-PATENT-CLASS-156-309 ..... c 31 N74-18089 *
US-PATENT-CLASS-156-309 ..... c 27 N78-17205 *
US-PATENT-CLASS-156-311 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-312 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-315 ..... c 27 N82-24340 *
US-PATENT-CLASS-156-320 ..... c 15 N72-11392 *
US-PATENT-CLASS-156-323 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-329 ..... c 27 N82-29456 *
US-PATENT-CLASS-156-330 ..... c 24 N81-14000 *
US-PATENT-CLASS-156-331.5 .... c 27 N82-11206 *
US-PATENT-CLASS-156-331.5 .... c 27 N86-20561 *
US-PATENT-CLASS-156-331 ..... c 37 N74-18126 *
US-PATENT-CLASS-156-331 ..... c 27 N78-17205 *
US-PATENT-CLASS-156-331 ..... c 24 N79-16915 *
US-PATENT-CLASS-156-331 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-338 ..... c 27 N82-24340 *
US-PATENT-CLASS-156-344 ..... c 28 N81-14103 *
US-PATENT-CLASS-156-344 ..... c 31 N83-34073 *
US-PATENT-CLASS-156-344 ..... c 31 N90-19427 *
US-PATENT-CLASS-156-344 ..... c 24 N90-25197 *
US-PATENT-CLASS-156-345 ..... c 15 N70-42033 *
US-PATENT-CLASS-156-345 ..... c 31 N87-21160 *
US-PATENT-CLASS-156-345 ..... c 25 N91-31258 *
US-PATENT-CLASS-156-379.7 .... c 33 N82-26571 *
US-PATENT-CLASS-156-380.2 .... c 31 N85-29083 *
US-PATENT-CLASS-156-382 ..... c 37 N76-21554 *
US-PATENT-CLASS-156-382 ..... c 52 N84-28389 *
US-PATENT-CLASS-156-382 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-391 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-3 ..... c 17 N71-16044 *
US-PATENT-CLASS-156-3 ..... c 15 N71-21404 *
US-PATENT-CLASS-156-3 ..... c 15 N71-24047 *
US-PATENT-CLASS-156-3 ..... c 06 N72-21094 *
US-PATENT-CLASS-156-423 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-494 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-499 ..... c 27 N84-22748 *
US-PATENT-CLASS-156-510 ..... c 15 N71-17687 *
US-PATENT-CLASS-156-510 ..... c 03 N72-25019 *
US-PATENT-CLASS-156-52 ..... c 31 N79-21226 *
US-PATENT-CLASS-156-540 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-545 ..... c 15 N71-24164 *
US-PATENT-CLASS-156-556 ..... c 37 N76-21554 *
US-PATENT-CLASS-156-59 ..... c 31 N83-34073 *
US-PATENT-CLASS-156-600 ..... c 27 N83-36220 *
US-PATENT-CLASS-156-600 ..... c 76 N90-23242 *
US-PATENT-CLASS-156-600 ..... c 76 N90-24169 *
US-PATENT-CLASS-156-600 ..... c 76 N92-34171 *
US-PATENT-CLASS-156-601 ..... c 76 N77-32919 *
US-PATENT-CLASS-156-601 ..... c 76 N80-32245 *
US-PATENT-CLASS-156-601 ..... c 76 N90-24169 *
US-PATENT-CLASS-156-602 ..... c 76 N82-30105 *
US-PATENT-CLASS-156-605 ..... c 44 N80-24741 *
US-PATENT-CLASS-156-607 ..... c 76 N87-23286 *
US-PATENT-CLASS-156-607 ..... c 76 N88-24544 *
US-PATENT-CLASS-156-607 ..... c 76 N90-24169 *
US-PATENT-CLASS-156-608 ..... c 76 N79-11920 *
US-PATENT-CLASS-156-608 ..... c 33 N81-19389 *
US-PATENT-CLASS-156-608 ..... c 76 N82-30105 *
US-PATENT-CLASS-156-608 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-608 ..... c 76 N83-35888 *
US-PATENT-CLASS-156-608 ..... c 76 N84-35113 *
US-PATENT-CLASS-156-608 ..... c 76 N90-23242 *
US-PATENT-CLASS-156-608 ..... c 76 N91-15898 *
US-PATENT-CLASS-156-608 ..... c 76 N92-21499 *
US-PATENT-CLASS-156-60 ..... c 15 N71-22713 *

US-PATENT-CLASS-156-610 ..... c 76 N76-25049 *
US-PATENT-CLASS-156-610 ..... c 27 N83-36220 *
US-PATENT-CLASS-156-610 ..... c 76 N86-28760 *
US-PATENT-CLASS-156-612 ..... c 76 N76-25049 *
US-PATENT-CLASS-156-612 ..... c 44 N76-28635 *
US-PATENT-CLASS-156-612 ..... c 76 N85-30922 *
US-PATENT-CLASS-156-613 ..... c 76 N76-25049 *
US-PATENT-CLASS-156-613 ..... c 44 N76-28635 *
US-PATENT-CLASS-156-614 ..... c 44 N76-28635 *
US-PATENT-CLASS-156-616.41 .. c 76 N90-20896 *
US-PATENT-CLASS-156-616.4 .... c 76 N90-20896 *
US-PATENT-CLASS-156-617.1 .... c 76 N91-15898 *
US-PATENT-CLASS-156-617.1 .... c 76 N92-21499 *
US-PATENT-CLASS-156-617-H ... c 76 N87-23286 *
US-PATENT-CLASS-156-617-SP . c 76 N84-35113 *
US-PATENT-CLASS-156-617-SP . c 76 N87-23286 *
US-PATENT-CLASS-156-617-V ... c 76 N84-35113 *
US-PATENT-CLASS-156-617SP .. c 76 N79-11920 *
US-PATENT-CLASS-156-617SP .. c 76 N79-23798 *
US-PATENT-CLASS-156-617SP .. c 44 N80-24741 *
US-PATENT-CLASS-156-617SP .. c 76 N80-32245 *
US-PATENT-CLASS-156-619 ..... c 76 N77-32919 *
US-PATENT-CLASS-156-620.1 .... c 76 N91-15898 *
US-PATENT-CLASS-156-620.1 .... c 76 N92-21499 *
US-PATENT-CLASS-156-620.3 .... c 76 N92-21499 *
US-PATENT-CLASS-156-620.4 .... c 76 N92-21499 *
US-PATENT-CLASS-156-620.76 .. c 76 N88-24545 *
US-PATENT-CLASS-156-620 ..... c 76 N77-32919 *
US-PATENT-CLASS-156-621 ..... c 76 N88-14835 *
US-PATENT-CLASS-156-621 ..... c 76 N88-24544 *
US-PATENT-CLASS-156-621 ..... c 76 N92-34171 *
US-PATENT-CLASS-156-622 ..... c 76 N88-14835 *
US-PATENT-CLASS-156-623Q .... c 76 N85-29800 *
US-PATENT-CLASS-156-624 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-624 ..... c 76 N86-28760 *
US-PATENT-CLASS-156-624 ..... c 76 N88-14835 *
US-PATENT-CLASS-156-624 ..... c 76 N88-24544 *
US-PATENT-CLASS-156-625 ..... c 24 N91-25199 *
US-PATENT-CLASS-156-630 ..... c 35 N84-22930 *
US-PATENT-CLASS-156-633 ..... c 44 N78-25529 *
US-PATENT-CLASS-156-634 ..... c 24 N91-25199 *
US-PATENT-CLASS-156-635 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-637 ..... c 76 N92-10681 *
US-PATENT-CLASS-156-643 ..... c 52 N84-23095 *
US-PATENT-CLASS-156-643 ..... c 31 N87-21160 *
US-PATENT-CLASS-156-643 ..... c 25 N91-31258 *
US-PATENT-CLASS-156-643 ..... c 76 N92-22040 *
US-PATENT-CLASS-156-644 ..... c 52 N84-23095 *
US-PATENT-CLASS-156-645 ..... c 27 N77-32308 *
US-PATENT-CLASS-156-646 ..... c 31 N87-21160 *
US-PATENT-CLASS-156-647 ..... c 33 N81-26360 *
US-PATENT-CLASS-156-648 ..... c 33 N81-26360 *
US-PATENT-CLASS-156-649 ..... c 33 N81-26360 *
US-PATENT-CLASS-156-654 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-654 ..... c 35 N84-22930 *
US-PATENT-CLASS-156-656 ..... c 25 N92-25399 * #
US-PATENT-CLASS-156-659.1 .... c 31 N87-21160 *
US-PATENT-CLASS-156-661.1 .... c 31 N87-21160 *
US-PATENT-CLASS-156-662 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-663 ..... c 27 N77-32308 *
US-PATENT-CLASS-156-664 ..... c 25 N92-25399 * #
US-PATENT-CLASS-156-668 ..... c 52 N84-23095 *
US-PATENT-CLASS-156-668 ..... c 25 N91-31258 *
US-PATENT-CLASS-156-66 ..... c 15 N72-11392 *
US-PATENT-CLASS-156-71 ..... c 33 N82-26571 *
US-PATENT-CLASS-156-71 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-74 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-7 ..... c 74 N75-12732 *
US-PATENT-CLASS-156-81 ..... c 27 N84-22748 *
US-PATENT-CLASS-156-84 ..... c 15 N72-16330 *
US-PATENT-CLASS-156-84 ..... c 37 N82-24491 *
US-PATENT-CLASS-156-85 ..... c 37 N82-24491 *
US-PATENT-CLASS-156-86 ..... c 15 N72-16330 *
US-PATENT-CLASS-156-86 ..... c 37 N82-24491 *
US-PATENT-CLASS-156-87 ..... c 37 N87-23981 *
US-PATENT-CLASS-156-89 ..... c 37 N75-15992 *
US-PATENT-CLASS-156-89 ..... c 24 N79-25143 *
US-PATENT-CLASS-156-89 ..... c 27 N84-22748 *
US-PATENT-CLASS-156-904 ..... c 31 N87-21160 *
US-PATENT-CLASS-156-905 ..... c 35 N84-22930 *
US-PATENT-CLASS-156-94 ..... c 32 N74-27612 *
US-PATENT-CLASS-156-94 ..... c 24 N74-30001 *
US-PATENT-CLASS-156-99 ..... c 37 N75-15992 *
US-PATENT-CLASS-159-3 ..... c 25 N88-23846 *
US-PATENT-CLASS-159-48.2 ..... c 25 N88-23846 *
US-PATENT-CLASS-159-900 ..... c 25 N88-23846 *
US-PATENT-CLASS-16-111R ..... c 37 N92-29092 *
US-PATENT-CLASS-16-114R ..... c 37 N92-29092 *
US-PATENT-CLASS-16-242 ..... c 31 N86-19479 *
US-PATENT-CLASS-16-292 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-294 ..... c 37 N86-19605 *
US-PATENT-CLASS-16-294 ..... c 18 N87-14373 *
US-PATENT-CLASS-16-297 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-326 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-332 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-345 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-347 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-349 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-370 ..... c 18 N87-14373 *
US-PATENT-CLASS-16-390 ..... c 31 N86-19479 *
US-PATENT-CLASS-160-23R ..... c 37 N87-17036 *
US-PATENT-CLASS-160-265 ..... c 37 N87-17036 *
US-PATENT-CLASS-161-115 ..... c 18 N70-41583 *
US-PATENT-CLASS-161-116 ..... c 37 N74-23064 *
US-PATENT-CLASS-161-127 ..... c 18 N72-25540 *
US-PATENT-CLASS-161-127 ..... c 18 N72-25541 *
US-PATENT-CLASS-161-161 ..... c 33 N71-25351 *
US-PATENT-CLASS-161-182 ..... c 15 N69-39735 * #
US-PATENT-CLASS-161-182 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-189 ..... c 23 N71-15978 *
US-PATENT-CLASS-161-192 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-196 ..... c 37 N74-21063 *
US-PATENT-CLASS-161-214 ..... c 06 N73-27980 *
US-PATENT-CLASS-161-227 ..... c 06 N73-27980 *
US-PATENT-CLASS-161-42 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-43 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-67 ..... c 33 N72-17947 *
US-PATENT-CLASS-161-68 ..... c 18 N71-21651 *
US-PATENT-CLASS-161-68 ..... c 18 N72-25540 *
US-PATENT-CLASS-161-68 ..... c 18 N72-25541 *
US-PATENT-CLASS-161-69 ..... c 33 N71-24858 *
US-PATENT-CLASS-161-7 ..... c 18 N72-25540 *
US-PATENT-CLASS-161-7 ..... c 18 N72-25541 *
US-PATENT-CLASS-161-89 ..... c 17 N71-28747 *
US-PATENT-CLASS-161-92 ..... c 37 N75-26371 *
US-PATENT-CLASS-161-93 ..... c 18 N73-12604 *
US-PATENT-CLASS-161-93 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-93 ..... c 37 N75-26371 *
US-PATENT-CLASS-162-102 ..... c 24 N76-14204 *
US-PATENT-CLASS-162-14 ..... c 85 N79-17747 *
US-PATENT-CLASS-162-153 ..... c 24 N76-14204 *
US-PATENT-CLASS-162-222 ..... c 24 N76-14204 *
US-PATENT-CLASS-162-228 ..... c 24 N76-14204 *
US-PATENT-CLASS-162-29 ..... c 85 N79-17747 *
US-PATENT-CLASS-164-105 ..... c 20 N79-21123 *
US-PATENT-CLASS-164-113 ..... c 31 N90-21216 *
US-PATENT-CLASS-164-119 ..... c 24 N84-16262 *
US-PATENT-CLASS-164-122.1 .... c 26 N91-14462 *
US-PATENT-CLASS-164-132 ..... c 37 N76-23570 *
US-PATENT-CLASS-164-284 ..... c 31 N90-21216 *
US-PATENT-CLASS-164-331.12 .. c 27 N83-34041 *
US-PATENT-CLASS-164-338.1 .... c 26 N91-14462 *
US-PATENT-CLASS-164-60 ..... c 24 N77-27187 *
US-PATENT-CLASS-165-DIG.6 .... c 34 N84-22903 *
US-PATENT-CLASS-165-104.14 .. c 05 N81-26114 *
US-PATENT-CLASS-165-104.14 .. c 34 N85-29179 *
US-PATENT-CLASS-165-104.14 .. c 34 N86-27593 *
US-PATENT-CLASS-165-104.14 .. c 34 N87-22950 *
US-PATENT-CLASS-165-104.14 .. c 34 N88-23958 *
US-PATENT-CLASS-165-104.14 .. c 34 N89-14392 *
US-PATENT-CLASS-165-104.14 .. c 34 N91-21473 *
US-PATENT-CLASS-165-104.14 .. c 34 N92-29125 *
US-PATENT-CLASS-165-104.22 .. c 34 N92-29125 *
US-PATENT-CLASS-165-104.25 .. c 34 N87-22950 *
US-PATENT-CLASS-165-104.26 .. c 74 N83-19596 *
US-PATENT-CLASS-165-104.26 .. c 34 N83-35307 *
US-PATENT-CLASS-165-104.26 .. c 34 N85-21568 *
US-PATENT-CLASS-165-104.26 .. c 34 N85-29180 *
US-PATENT-CLASS-165-104.26 .. c 34 N86-27593 *
US-PATENT-CLASS-165-104.26 .. c 34 N87-22950 *
US-PATENT-CLASS-165-104.26 .. c 34 N88-29133 *
US-PATENT-CLASS-165-104.26 .. c 34 N89-14392 *
US-PATENT-CLASS-165-104.26 .. c 27 N90-23541 *
US-PATENT-CLASS-165-104.26 .. c 31 N90-23587 *
US-PATENT-CLASS-165-104.31 .. c 31 N91-15424 *
US-PATENT-CLASS-165-104.31 .. c 34 N92-28752 *
US-PATENT-CLASS-165-104.34 .. c 34 N92-28752 *
US-PATENT-CLASS-165-104 ..... c 33 N71-25353 *
US-PATENT-CLASS-165-104 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-105 ..... c 09 N71-24807 *
US-PATENT-CLASS-165-105 ..... c 33 N71-25353 *
US-PATENT-CLASS-165-105 ..... c 33 N72-17948 *
US-PATENT-CLASS-165-105 ..... c 31 N73-30829 *
US-PATENT-CLASS-165-105 ..... c 28 N73-32606 *
US-PATENT-CLASS-165-105 ..... c 34 N74-18552 *
US-PATENT-CLASS-165-105 ..... c 34 N75-12222 *
US-PATENT-CLASS-165-105 ..... c 44 N75-32581 *
US-PATENT-CLASS-165-105 ..... c 44 N76-16612 *
US-PATENT-CLASS-165-105 ..... c 34 N76-17317 *
US-PATENT-CLASS-165-105 ..... c 34 N76-27515 *
US-PATENT-CLASS-165-105 ..... c 34 N77-32413 *
US-PATENT-CLASS-165-105 ..... c 25 N78-10224 *
US-PATENT-CLASS-165-105 ..... c 34 N78-17336 *
US-PATENT-CLASS-165-105 ..... c 34 N78-17337 *
US-PATENT-CLASS-165-105 ..... c 44 N79-18443 *
US-PATENT-CLASS-165-105 ..... c 37 N79-28549 *
US-PATENT-CLASS-165-105 ..... c 34 N79-31523 *
US-PATENT-CLASS-165-105 ..... c 35 N81-14287 *
US-PATENT-CLASS-165-106 ..... c 33 N73-32818 *
US-PATENT-CLASS-165-106 ..... c 34 N76-17317 *
US-PATENT-CLASS-165-107 ..... c 09 N71-24807 *
US-PATENT-CLASS-165-107 ..... c 44 N77-32581 *
US-PATENT-CLASS-165-109.1 .... c 34 N92-28752 *
US-PATENT-CLASS-165-109 ..... c 35 N74-15093 *
US-PATENT-CLASS-165-10 ..... c 44 N76-31667 *
US-PATENT-CLASS-165-110 ..... c 77 N75-20139 *
US-PATENT-CLASS-165-110 ..... c 34 N92-28752 *
US-PATENT-CLASS-165-111 ..... c 77 N75-20139 *
US-PATENT-CLASS-165-12 ..... c 33 N71-24276 *
US-PATENT-CLASS-165-12 ..... c 34 N83-34221 *
US-PATENT-CLASS-165-133 ..... c 33 N71-16277 *
US-PATENT-CLASS-165-133 ..... c 33 N71-25353 *
US-PATENT-CLASS-165-133 ..... c 33 N72-20915 *
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US-PATENT-CLASS-165-133 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-134R .... c 74 N83-19596 *
US-PATENT-CLASS-165-134 ..... c 34 N78-17336 *
US-PATENT-CLASS-165-135 ..... c 34 N84-22903 *
US-PATENT-CLASS-165-138 ..... c 09 N71-24807 *
US-PATENT-CLASS-165-13 ..... c 34 N88-23958 *
US-PATENT-CLASS-165-141 ..... c 28 N73-32606 *
US-PATENT-CLASS-165-146 ..... c 34 N79-13289 *
US-PATENT-CLASS-165-155 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-156 ..... c 25 N90-11824 *
US-PATENT-CLASS-165-158 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-161 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-164 ..... c 34 N77-10463 *
US-PATENT-CLASS-165-166 ..... c 54 N77-32722 *
US-PATENT-CLASS-165-169 ..... c 34 N79-13288 *
US-PATENT-CLASS-165-169 ..... c 34 N79-13289 *
US-PATENT-CLASS-165-16 ..... c 31 N80-32583 *
US-PATENT-CLASS-165-170 ..... c 34 N77-10463 *
US-PATENT-CLASS-165-170 ..... c 34 N88-29132 *
US-PATENT-CLASS-165-174 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-180 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-185 ..... c 28 N73-32606 *
US-PATENT-CLASS-165-185 ..... c 34 N83-28356 *
US-PATENT-CLASS-165-185 ..... c 31 N91-27385 *
US-PATENT-CLASS-165-1 ..... c 09 N70-41717 *
US-PATENT-CLASS-165-1 ..... c 34 N75-12222 *
US-PATENT-CLASS-165-1 ..... c 34 N85-29180 *
US-PATENT-CLASS-165-1 ..... c 34 N87-22950 *
US-PATENT-CLASS-165-1 ..... c 34 N88-23958 *
US-PATENT-CLASS-165-1 ..... c 31 N91-27385 *
US-PATENT-CLASS-165-1 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-20 ..... c 03 N72-28025 *
US-PATENT-CLASS-165-20 ..... c 35 N91-21496 *
US-PATENT-CLASS-165-2 ..... c 33 N71-24876 *
US-PATENT-CLASS-165-2 ..... c 35 N74-15093 *
US-PATENT-CLASS-165-2 ..... c 44 N77-32581 *
US-PATENT-CLASS-165-2 ..... c 44 N78-17460 *
US-PATENT-CLASS-165-2 ..... c 51 N79-10694 *
US-PATENT-CLASS-165-2 ..... c 27 N83-36220 *
US-PATENT-CLASS-165-30 ..... c 51 N79-10694 *
US-PATENT-CLASS-165-30 ..... c 31 N79-17029 *
US-PATENT-CLASS-165-30 ..... c 35 N86-20750 *
US-PATENT-CLASS-165-32 ..... c 31 N73-30829 *
US-PATENT-CLASS-165-32 ..... c 33 N73-32818 *
US-PATENT-CLASS-165-32 ..... c 34 N78-17337 *
US-PATENT-CLASS-165-32 ..... c 34 N79-31523 *
US-PATENT-CLASS-165-32 ..... c 44 N80-20810 *
US-PATENT-CLASS-165-32 ..... c 33 N82-24419 *
US-PATENT-CLASS-165-32 ..... c 34 N83-28356 *
US-PATENT-CLASS-165-32 ..... c 34 N83-35307 *
US-PATENT-CLASS-165-32 ..... c 34 N84-14461 *
US-PATENT-CLASS-165-32 ..... c 34 N85-29179 *
US-PATENT-CLASS-165-32 ..... c 34 N90-21999 *
US-PATENT-CLASS-165-34 ..... c 34 N87-22950 *
US-PATENT-CLASS-165-3 ..... c 03 N72-28025 *
US-PATENT-CLASS-165-41 ..... c 34 N84-14461 *
US-PATENT-CLASS-165-41 ..... c 34 N86-27593 *
US-PATENT-CLASS-165-41 ..... c 34 N88-23958 *
US-PATENT-CLASS-165-41 ..... c 35 N89-12048 *
US-PATENT-CLASS-165-41 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-41 ..... c 27 N90-23541 *
US-PATENT-CLASS-165-41 ..... c 31 N90-23587 *
US-PATENT-CLASS-165-41 ..... c 31 N91-15424 *
US-PATENT-CLASS-165-41 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-41 ..... c 34 N92-28752 *
US-PATENT-CLASS-165-41 ..... c 34 N92-29125 *
US-PATENT-CLASS-165-44 ..... c 15 N71-26611 *
US-PATENT-CLASS-165-46 ..... c 05 N71-19439 *
US-PATENT-CLASS-165-46 ..... c 05 N71-24147 *
US-PATENT-CLASS-165-46 ..... c 05 N73-20137 *
US-PATENT-CLASS-165-46 ..... c 05 N73-26071 *
US-PATENT-CLASS-165-46 ..... c 54 N82-29002 *
US-PATENT-CLASS-165-46 ..... c 34 N90-21999 *
US-PATENT-CLASS-165-47 ..... c 33 N71-29052 *
US-PATENT-CLASS-165-47 ..... c 31 N73-30829 *
US-PATENT-CLASS-165-47 ..... c 34 N75-12222 *
US-PATENT-CLASS-165-48.2 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-48R ..... c 35 N85-29214 *
US-PATENT-CLASS-165-4 ..... c 34 N92-28752 *
US-PATENT-CLASS-165-58 ..... c 27 N83-36220 *
US-PATENT-CLASS-165-61 ..... c 34 N83-34221 *
US-PATENT-CLASS-165-61 ..... c 35 N85-29214 *
US-PATENT-CLASS-165-61 ..... c 35 N86-20750 *
US-PATENT-CLASS-165-61 ..... c 31 N89-12785 *

US-PATENT-CLASS-165-64 ..... c 35 N85-29214 *
US-PATENT-CLASS-165-65 ..... c 35 N86-20750 *
US-PATENT-CLASS-165-76 ..... c 34 N83-28356 *
US-PATENT-CLASS-165-76 ..... c 37 N86-32736 * #
US-PATENT-CLASS-165-78 ..... c 34 N90-21999 *
US-PATENT-CLASS-165-80E ..... c 34 N83-34221 *
US-PATENT-CLASS-165-81 ..... c 34 N88-29132 *
US-PATENT-CLASS-165-81 ..... c 25 N90-11824 *
US-PATENT-CLASS-165-83 ..... c 25 N90-11824 *
US-PATENT-CLASS-165-86 ..... c 15 N71-26611 *
US-PATENT-CLASS-165-86 ..... c 33 N71-29046 *
US-PATENT-CLASS-165-86 ..... c 34 N91-21473 *
US-PATENT-CLASS-165-86 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-904 ..... c 35 N89-12048 *
US-PATENT-CLASS-165-904 ..... c 31 N91-15424 *
US-PATENT-CLASS-165-904 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-905 ..... c 34 N88-29133 *
US-PATENT-CLASS-165-905 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-905 ..... c 27 N90-23541 *
US-PATENT-CLASS-165-96 ..... c 33 N70-36847 *
US-PATENT-CLASS-165-96 ..... c 33 N71-22890 *
US-PATENT-CLASS-165-96 ..... c 31 N73-30829 *
US-PATENT-CLASS-165-96 ..... c 33 N73-32818 *
US-PATENT-CLASS-165-96 ..... c 34 N78-17337 *
US-PATENT-CLASS-165-96 ..... c 34 N84-14461 *
US-PATENT-CLASS-165-96 ..... c 31 N89-12785 *
US-PATENT-CLASS-165-96 ..... c 34 N90-21999 *
US-PATENT-CLASS-165-96 ..... c 34 N91-21473 *
US-PATENT-CLASS-166-222 ..... c 43 N81-26509 *
US-PATENT-CLASS-166-248 ..... c 43 N78-14452 *
US-PATENT-CLASS-166-259 ..... c 43 N78-14452 *
US-PATENT-CLASS-166-267 ..... c 25 N82-23282 *
US-PATENT-CLASS-166-303 ..... c 25 N82-23282 *
US-PATENT-CLASS-166-343 ..... c 18 N90-20126 *
US-PATENT-CLASS-166-63 ..... c 46 N79-22679 *
US-PATENT-CLASS-166-77 ..... c 43 N81-26509 *
US-PATENT-CLASS-169-28 ..... c 12 N72-21310 *
US-PATENT-CLASS-169-36 ..... c 12 N72-21310 *
US-PATENT-CLASS-169-47 ..... c 25 N83-36118 *
US-PATENT-CLASS-169-62 ..... c 31 N81-14137 *
US-PATENT-CLASS-169-70 ..... c 31 N81-14137 *
US-PATENT-CLASS-173-131 ..... c 15 N73-13463 *
US-PATENT-CLASS-173-132 ..... c 37 N76-18454 *
US-PATENT-CLASS-174-DIG.6 .... c 26 N73-26752 *
US-PATENT-CLASS-174-DIG.6 .... c 26 N73-32571 *
US-PATENT-CLASS-174-DIG.8 .... c 33 N74-22865 *
US-PATENT-CLASS-174-106R .... c 09 N72-22198 *
US-PATENT-CLASS-174-110.3 .... c 14 N71-27186 *
US-PATENT-CLASS-174-111 ..... c 33 N74-27683 *
US-PATENT-CLASS-174-115 ..... c 09 N70-38201 *
US-PATENT-CLASS-174-117FF .. c 09 N72-22198 *
US-PATENT-CLASS-174-126CP .. c 26 N73-32571 *
US-PATENT-CLASS-174-142 ..... c 33 N80-18286 *
US-PATENT-CLASS-174-145 ..... c 33 N76-16332 *
US-PATENT-CLASS-174-148 ..... c 33 N76-16332 *
US-PATENT-CLASS-174-15CA .... c 31 N79-17029 *
US-PATENT-CLASS-174-15C ..... c 33 N74-27683 *
US-PATENT-CLASS-174-18 ..... c 09 N69-21542 * #
US-PATENT-CLASS-174-28 ..... c 07 N71-27191 *
US-PATENT-CLASS-174-28 ..... c 33 N74-27683 *
US-PATENT-CLASS-174-35 ..... c 07 N71-19436 *
US-PATENT-CLASS-174-36 ..... c 09 N72-22198 *
US-PATENT-CLASS-174-52-PE ... c 33 N88-23941 *
US-PATENT-CLASS-174-52-R ..... c 33 N88-23941 *
US-PATENT-CLASS-174-52-S ..... c 33 N88-23941 *
US-PATENT-CLASS-174-52S ..... c 15 N73-14469 *
US-PATENT-CLASS-174-68.5 ..... c 15 N70-41960 *
US-PATENT-CLASS-174-69 ..... c 33 N74-22865 *
US-PATENT-CLASS-174-70R ..... c 33 N74-22865 *
US-PATENT-CLASS-174-72 ..... c 03 N69-21539 * #
US-PATENT-CLASS-174-73R ..... c 33 N80-18286 *
US-PATENT-CLASS-174-84 ..... c 15 N72-17455 *
US-PATENT-CLASS-175-1 ..... c 46 N79-22679 *
US-PATENT-CLASS-175-26 ..... c 15 N73-32362 *
US-PATENT-CLASS-175-310 ..... c 15 N70-42034 *
US-PATENT-CLASS-175-323 ..... c 14 N69-21923 * #
US-PATENT-CLASS-175-45 ..... c 35 N84-33768 *
US-PATENT-CLASS-175-78 ..... c 46 N80-10709 *
US-PATENT-CLASS-176-11 ..... c 24 N72-33681 *
US-PATENT-CLASS-176-11 ..... c 25 N76-27383 *
US-PATENT-CLASS-176-11 ..... c 25 N76-29379 *
US-PATENT-CLASS-176-11 ..... c 25 N78-27226 *
US-PATENT-CLASS-176-14 ..... c 25 N76-29379 *
US-PATENT-CLASS-176-169 ..... c 22 N73-32528 *
US-PATENT-CLASS-176-16 ..... c 25 N76-27383 *
US-PATENT-CLASS-176-16 ..... c 25 N76-29379 *
US-PATENT-CLASS-176-16 ..... c 25 N78-27226 *
US-PATENT-CLASS-176-22 ..... c 73 N78-28913 *
US-PATENT-CLASS-176-33 ..... c 73 N78-28913 *
US-PATENT-CLASS-176-39 ..... c 73 N78-19920 *
US-PATENT-CLASS-176-39 ..... c 73 N78-28913 *
US-PATENT-CLASS-176-3 ..... c 75 N75-13625 *
US-PATENT-CLASS-176-45 ..... c 22 N71-28759 *
US-PATENT-CLASS-176-86G ..... c 22 N72-20597 *
US-PATENT-CLASS-177-147 ..... c 35 N85-20294 *
US-PATENT-CLASS-177-1 ..... c 35 N77-19385 *
US-PATENT-CLASS-177-200 ..... c 35 N74-26945 *
US-PATENT-CLASS-177-208 ..... c 35 N77-19385 *
US-PATENT-CLASS-177-210 ..... c 14 N71-10773 *
US-PATENT-CLASS-177-211 ..... c 35 N74-26945 *
US-PATENT-CLASS-177-246 ..... c 35 N74-26945 *
US-PATENT-CLASS-177-260 ..... c 35 N85-20294 *
US-PATENT-CLASS-178-DIG.12 . c 07 N72-12081 *
US-PATENT-CLASS-178-DIG.12 . c 32 N75-21485 *
US-PATENT-CLASS-178-DIG.1 .... c 36 N74-20009 *
US-PATENT-CLASS-178-DIG.1 .... c 33 N75-30431 *
US-PATENT-CLASS-178-DIG.1 .... c 45 N76-17656 *
US-PATENT-CLASS-178-DIG.20 c 18 N76-14186 *
US-PATENT-CLASS-178-DIG.20 . c 23 N72-27728 *
US-PATENT-CLASS-178-DIG.20 . c 35 N75-19613 *
US-PATENT-CLASS-178-DIG.21 . c 16 N72-13437 *
US-PATENT-CLASS-178-DIG.23 . c 07 N73-30115 *
US-PATENT-CLASS-178-DIG.25 . c 74 N75-25706 *
US-PATENT-CLASS-178-DIG.28 . c 08 N72-22164 *
US-PATENT-CLASS-178-DIG.29 . c 35 N75-25123 *
US-PATENT-CLASS-178-DIG.32 . c 71 N74-21014 *
US-PATENT-CLASS-178-DIG.35 . c 09 N76-24280 *
US-PATENT-CLASS-178-DIG.36 . c 08 N72-22164 *
US-PATENT-CLASS-178-DIG.6 .... c 10 N73-13235 *
US-PATENT-CLASS-178-DIG.8 .... c 14 N72-25412 *
US-PATENT-CLASS-178-DIG.8 .... c 45 N76-17656 *
US-PATENT-CLASS-178-15 ..... c 33 N75-19517 *
US-PATENT-CLASS-178-18 ..... c 10 N73-32143 *
US-PATENT-CLASS-178-22.16 .... c 32 N82-31583 *
US-PATENT-CLASS-178-22.17 .... c 32 N82-31583 *
US-PATENT-CLASS-178-5.2R ..... c 09 N71-28618 *
US-PATENT-CLASS-178-5.2R ..... c 07 N72-17109 *
US-PATENT-CLASS-178-5.4 ..... c 07 N72-17109 *
US-PATENT-CLASS-178-5.8R ..... c 71 N74-21014 *
US-PATENT-CLASS-178-50 ..... c 08 N72-18184 *
US-PATENT-CLASS-178-50 ..... c 08 N72-25208 *
US-PATENT-CLASS-178-52 ..... c 08 N72-22162 *
US-PATENT-CLASS-178-54CF .... c 09 N71-28618 *
US-PATENT-CLASS-178-54PE .... c 09 N71-28618 *
US-PATENT-CLASS-178-58A ..... c 32 N75-21486 *
US-PATENT-CLASS-178-58R ..... c 32 N80-18252 *
US-PATENT-CLASS-178-6.5 ..... c 23 N72-27728 *
US-PATENT-CLASS-178-6.6DD ... c 07 N73-30115 *
US-PATENT-CLASS-178-6.6DD ... c 35 N74-11283 *
US-PATENT-CLASS-178-6.6 ..... c 07 N71-11300 *
US-PATENT-CLASS-178-6.6 ..... c 07 N71-26102 *
US-PATENT-CLASS-178-6.7R ..... c 35 N74-15831 *
US-PATENT-CLASS-178-6.7 ..... c 07 N72-17109 *
US-PATENT-CLASS-178-6.8 ..... c 08 N72-22164 *
US-PATENT-CLASS-178-6.8 ..... c 14 N72-25412 *
US-PATENT-CLASS-178-6.8 ..... c 07 N73-30115 *
US-PATENT-CLASS-178-6.8 ..... c 33 N75-30431 *
US-PATENT-CLASS-178-6.8 ..... c 45 N76-17656 *
US-PATENT-CLASS-178-66R ..... c 32 N75-24981 *
US-PATENT-CLASS-178-66 ..... c 09 N71-25866 *
US-PATENT-CLASS-178-66 ..... c 08 N72-18184 *
US-PATENT-CLASS-178-67 ..... c 08 N70-41961 *
US-PATENT-CLASS-178-67 ..... c 32 N74-26654 *
US-PATENT-CLASS-178-69.1 ..... c 32 N78-15323 *
US-PATENT-CLASS-178-69.4R ... c 32 N74-10132 *
US-PATENT-CLASS-178-69.5R ... c 07 N72-20140 *
US-PATENT-CLASS-178-69.5R ... c 32 N75-26195 *
US-PATENT-CLASS-178-69.5R ... c 33 N76-14371 *
US-PATENT-CLASS-178-69.5R ... c 60 N77-19760 *
US-PATENT-CLASS-178-69.5 ..... c 07 N71-11281 *
US-PATENT-CLASS-178-69.5 ..... c 10 N71-19468 *
US-PATENT-CLASS-178-69.5 ..... c 10 N71-25865 *
US-PATENT-CLASS-178-69.5 ..... c 10 N71-33407 *
US-PATENT-CLASS-178-69.5 ..... c 07 N72-25173 *
US-PATENT-CLASS-178-69.5 ..... c 07 N73-13149 *
US-PATENT-CLASS-178-69.5 ..... c 09 N73-28084 *
US-PATENT-CLASS-178-69.5 ..... c 17 N76-22245 *
US-PATENT-CLASS-178-69A ..... c 35 N75-21582 *
US-PATENT-CLASS-178-69C ..... c 32 N76-16249 *
US-PATENT-CLASS-178-6 ..... c 07 N71-19433 *
US-PATENT-CLASS-178-6 ..... c 09 N71-19449 *
US-PATENT-CLASS-178-6 ..... c 07 N71-23026 *
US-PATENT-CLASS-178-6 ..... c 07 N71-26579 *
US-PATENT-CLASS-178-6 ..... c 07 N72-12081 *
US-PATENT-CLASS-178-6 ..... c 16 N72-13437 *
US-PATENT-CLASS-178-6 ..... c 10 N73-13235 *
US-PATENT-CLASS-178-6 ..... c 36 N74-20009 *
US-PATENT-CLASS-178-7.1 ..... c 07 N71-24612 *
US-PATENT-CLASS-178-7.1 ..... c 07 N71-27341 *
US-PATENT-CLASS-178-7.1 ..... c 09 N72-17156 *
US-PATENT-CLASS-178-7.1 ..... c 32 N74-19790 *
US-PATENT-CLASS-178-7.1 ..... c 36 N75-19652 *
US-PATENT-CLASS-178-7.2R ..... c 08 N72-22164 *
US-PATENT-CLASS-178-7.2 ..... c 14 N70-41807 *
US-PATENT-CLASS-178-7.2 ..... c 71 N74-21014 *
US-PATENT-CLASS-178-7.2 ..... c 35 N75-25123 *
US-PATENT-CLASS-178-7.3 ..... c 07 N71-27341 *
US-PATENT-CLASS-178-7.3 ..... c 07 N72-12081 *
US-PATENT-CLASS-178-7.5E ..... c 10 N72-31273 *
US-PATENT-CLASS-178-7.6 ..... c 36 N74-20009 *
US-PATENT-CLASS-178-7.7 ..... c 09 N71-12539 *
US-PATENT-CLASS-178-7.7 ..... c 32 N74-20813 *
US-PATENT-CLASS-178-7.89 ..... c 09 N76-24280 *
US-PATENT-CLASS-178-7.92 ..... c 14 N72-25414 *
US-PATENT-CLASS-178-79 ..... c 32 N75-21486 *
US-PATENT-CLASS-178-88 ..... c 07 N71-12392 *
US-PATENT-CLASS-178-88 ..... c 33 N74-12887 *
US-PATENT-CLASS-178-88 ..... c 32 N74-20809 *
US-PATENT-CLASS-178-88 ..... c 33 N74-27705 *
US-PATENT-CLASS-178-88 ..... c 33 N76-14371 *
US-PATENT-CLASS-178-88 ..... c 32 N76-16249 *
US-PATENT-CLASS-178-88 ..... c 32 N77-10392 *
US-PATENT-CLASS-178-88 ..... c 32 N77-24331 *
US-PATENT-CLASS-179-1DM ..... c 71 N79-23753 *
US-PATENT-CLASS-179-1MF ..... c 71 N79-23753 *
US-PATENT-CLASS-179-1MN ..... c 32 N79-23310 *
US-PATENT-CLASS-179-1P ..... c 10 N73-12244 *
US-PATENT-CLASS-179-1R ..... c 07 N71-33108 *
US-PATENT-CLASS-179-1SA ..... c 10 N73-25240 *
US-PATENT-CLASS-179-1SA ..... c 32 N76-31372 *
US-PATENT-CLASS-179-1SA ..... c 32 N77-30309 *
US-PATENT-CLASS-179-1SP ..... c 32 N77-30309 *
US-PATENT-CLASS-179-1VC ..... c 07 N71-33108 *
US-PATENT-CLASS-179-100.2A . c 21 N73-13644 *
US-PATENT-CLASS-179-100.2A . c 32 N74-27612 *
US-PATENT-CLASS-179-100.2B . c 32 N74-27612 *
US-PATENT-CLASS-179-100.2CH c 36 N74-13205 *
US-PATENT-CLASS-179-100.2CH c 35 N78-29421 *
US-PATENT-CLASS-179-100.2CH c 35 N79-16246 *
US-PATENT-CLASS-179-100.2C . c 35 N77-21392 *
US-PATENT-CLASS-179-100.2K . c 07 N72-21119 *
US-PATENT-CLASS-179-100.2MD c 35 N74-11283 *
US-PATENT-CLASS-179-100.2T .. c 35 N74-11283 *
US-PATENT-CLASS-179-100.2 .... c 09 N69-24329 * #
US-PATENT-CLASS-179-100.2 .... c 09 N71-25866 *
US-PATENT-CLASS-179-100.2 .... c 08 N71-27210 *
US-PATENT-CLASS-179-100.2 .... c 08 N71-27255 *
US-PATENT-CLASS-179-100-2CA c 09 N72-11224 *
US-PATENT-CLASS-179-100-2MD c 09 N72-11224 *
US-PATENT-CLASS-179-107R .... c 33 N78-10375 *
US-PATENT-CLASS-179-15.55R . c 08 N72-11171 *
US-PATENT-CLASS-179-15.55R . c 08 N72-33172 *
US-PATENT-CLASS-179-15AN .... c 07 N73-16121 *
US-PATENT-CLASS-179-15AT .... c 32 N74-30524 *
US-PATENT-CLASS-179-15A ..... c 08 N72-22162 *
US-PATENT-CLASS-179-15A ..... c 07 N73-26118 *
US-PATENT-CLASS-179-15BA .... c 60 N77-12721 *
US-PATENT-CLASS-179-15BA .... c 32 N80-18252 *
US-PATENT-CLASS-179-15BC .... c 08 N72-25208 *
US-PATENT-CLASS-179-15BC .... c 07 N73-16121 *
US-PATENT-CLASS-179-15BC .... c 32 N74-30523 *
US-PATENT-CLASS-179-15BC .... c 33 N75-26243 *
US-PATENT-CLASS-179-15BL .... c 08 N72-22162 *
US-PATENT-CLASS-179-15BM ... c 07 N73-26118 *
US-PATENT-CLASS-179-15BS .... c 10 N71-33407 *
US-PATENT-CLASS-179-15BS .... c 07 N72-20140 *
US-PATENT-CLASS-179-15BS .... c 07 N73-30115 *
US-PATENT-CLASS-179-15BS .... c 32 N75-26195 *
US-PATENT-CLASS-179-15BS .... c 60 N77-19760 *
US-PATENT-CLASS-179-15BV .... c 07 N72-25172 *
US-PATENT-CLASS-179-15BY .... c 32 N74-30524 *
US-PATENT-CLASS-179-15FD .... c 08 N72-25208 *
US-PATENT-CLASS-179-15FS .... c 07 N73-28012 *
US-PATENT-CLASS-179-15 ..... c 07 N69-39978 * #
US-PATENT-CLASS-179-15 ..... c 07 N71-20814 *
US-PATENT-CLASS-179-15 ..... c 07 N71-24621 *
US-PATENT-CLASS-179-15 ..... c 07 N71-24622 *
US-PATENT-CLASS-179-15 ..... c 08 N72-18184 *
US-PATENT-CLASS-179-175.1A . c 14 N73-27379 *
US-PATENT-CLASS-179-175.1A . c 33 N78-10375 *
US-PATENT-CLASS-179-18BC .... c 32 N86-27513 *
US-PATENT-CLASS-179-18GF .... c 33 N82-29538 *
US-PATENT-CLASS-179-1 ..... c 07 N71-26181 *
US-PATENT-CLASS-179-1 ..... c 31 N71-33160 *
US-PATENT-CLASS-179-27CA .... c 32 N79-23310 *
US-PATENT-CLASS-179-78 ..... c 33 N81-27397 *
US-PATENT-CLASS-179-84VF .... c 32 N79-23310 *
US-PATENT-CLASS-179-91R ..... c 74 N78-14889 *
US-PATENT-CLASS-18-26 ..... c 06 N71-22975 *
US-PATENT-CLASS-18-39 ..... c 27 N70-34783 *
US-PATENT-CLASS-18-6 ..... c 15 N71-26721 *
US-PATENT-CLASS-180-105E .... c 11 N72-20244 *
US-PATENT-CLASS-180-118 ..... c 31 N71-15689 *
US-PATENT-CLASS-180-121 ..... c 31 N71-15689 *
US-PATENT-CLASS-180-125 ..... c 15 N72-17451 *
US-PATENT-CLASS-180-127 ..... c 15 N72-17451 *
US-PATENT-CLASS-180-168 ..... c 35 N84-33769 *
US-PATENT-CLASS-180-19.2 ..... c 85 N87-21755 *
US-PATENT-CLASS-180-305 ..... c 85 N87-21755 *
US-PATENT-CLASS-180-41 ..... c 11 N73-26238 *
US-PATENT-CLASS-180-6.5 ..... c 11 N73-26238 *
US-PATENT-CLASS-180-7R ..... c 11 N73-26238 *
US-PATENT-CLASS-180-79.3 ..... c 37 N74-18125 *
US-PATENT-CLASS-180-8.6 ..... c 18 N88-23828 *
US-PATENT-CLASS-180-8A ..... c 11 N73-26238 *
US-PATENT-CLASS-180-9.2R ..... c 11 N73-26238 *
US-PATENT-CLASS-180-9.5 ..... c 11 N73-26238 *
US-PATENT-CLASS-181.5R ..... c 71 N74-31148 *

US-PATENT-CLASS-181-.5 ..... c 11 N71-28779 *
US-PATENT-CLASS-181-0.5 ..... c 71 N85-30765 *
US-PATENT-CLASS-181-0.5 ..... c 71 N88-24241 *
US-PATENT-CLASS-181-0.5 ..... c 31 N90-21215 *
US-PATENT-CLASS-181-0.5 ..... c 71 N91-14808 *
US-PATENT-CLASS-181-102 ..... c 39 N80-10507 *
US-PATENT-CLASS-181-102 ..... c 31 N80-32584 *
US-PATENT-CLASS-181-105 ..... c 39 N80-10507 *
US-PATENT-CLASS-181-106 ..... c 46 N79-22679 *
US-PATENT-CLASS-181-115 ..... c 46 N79-23555 *
US-PATENT-CLASS-181-117 ..... c 46 N79-22679 *
US-PATENT-CLASS-181-120 ..... c 46 N79-23555 *
US-PATENT-CLASS-181-121 ..... c 35 N84-22933 *
US-PATENT-CLASS-181-148 ..... c 71 N79-23753 *
US-PATENT-CLASS-181-190 ..... c 71 N79-14871 *
US-PATENT-CLASS-181-206 ..... c 71 N91-27913 *
US-PATENT-CLASS-181-213 ..... c 71 N79-14871 *
US-PATENT-CLASS-181-213 ..... c 07 N83-33684 *
US-PATENT-CLASS-181-214 ..... c 07 N81-14999 *
US-PATENT-CLASS-181-214 ..... c 71 N82-16800 *
US-PATENT-CLASS-181-222 ..... c 71 N79-14871 *
US-PATENT-CLASS-181-286 ..... c 24 N90-21822 *
US-PATENT-CLASS-181-286 ..... c 71 N91-27913 *
US-PATENT-CLASS-181-290 ..... c 24 N90-21822 *
US-PATENT-CLASS-181-290 ..... c 71 N91-27913 *
US-PATENT-CLASS-181-293 ..... c 71 N79-14871 *
US-PATENT-CLASS-181-295 ..... c 71 N91-27913 *
US-PATENT-CLASS-181-33C ..... c 07 N74-32418 *
US-PATENT-CLASS-181-33F ..... c 07 N74-32418 *
US-PATENT-CLASS-181-33HB .... c 07 N74-27490 *
US-PATENT-CLASS-181-33HC .... c 07 N74-33218 *
US-PATENT-CLASS-181-33HC .... c 07 N76-18117 *
US-PATENT-CLASS-181-33H ..... c 07 N74-32418 *
US-PATENT-CLASS-181-33L ..... c 07 N74-32418 *
US-PATENT-CLASS-181-42 ..... c 07 N74-32418 *
US-PATENT-CLASS-181-43 ..... c 07 N74-15453 *
US-PATENT-CLASS-181-52 ..... c 28 N70-41582 *
US-PATENT-CLASS-182-103 ..... c 18 N89-12621 *
US-PATENT-CLASS-182-10 ..... c 15 N71-27067 *
US-PATENT-CLASS-182-129 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-134 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-141 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-152 ..... c 31 N87-25492 *
US-PATENT-CLASS-182-178 ..... c 39 N76-31562 *
US-PATENT-CLASS-182-191 ..... c 05 N71-11199 *
US-PATENT-CLASS-182-223 ..... c 54 N87-29118 *
US-PATENT-CLASS-182-2 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-5 ..... c 15 N73-25512 *
US-PATENT-CLASS-182-62.5 ..... c 31 N81-27324 *
US-PATENT-CLASS-182-63 ..... c 54 N87-29118 *
US-PATENT-CLASS-182-63 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-82 ..... c 54 N87-29118 *
US-PATENT-CLASS-184-1 ..... c 15 N71-23048 *
US-PATENT-CLASS-185-38 ..... c 37 N78-16369 *
US-PATENT-CLASS-187-1 ..... c 15 N72-25453 *
US-PATENT-CLASS-187-20 ..... c 15 N72-25453 *
US-PATENT-CLASS-187-7.1 ..... c 07 N71-24742 *
US-PATENT-CLASS-187-95 ..... c 15 N72-25453 *
US-PATENT-CLASS-188-1B ..... c 15 N72-20443 *
US-PATENT-CLASS-188-1B ..... c 19 N76-22284 *
US-PATENT-CLASS-188-1C ..... c 15 N72-17450 *
US-PATENT-CLASS-188-1C ..... c 15 N72-20443 *
US-PATENT-CLASS-188-1C ..... c 15 N73-30460 *
US-PATENT-CLASS-188-1C ..... c 11 N73-32152 *
US-PATENT-CLASS-188-1C ..... c 37 N79-10420 *
US-PATENT-CLASS-188-103 ..... c 15 N71-27146 *
US-PATENT-CLASS-188-129 ..... c 15 N72-17450 *
US-PATENT-CLASS-188-134 ..... c 37 N81-15364 *
US-PATENT-CLASS-188-151A .... c 44 N79-14527 *
US-PATENT-CLASS-188-163 ..... c 37 N74-26976 *
US-PATENT-CLASS-188-171 ..... c 37 N74-26976 *
US-PATENT-CLASS-188-171 ..... c 37 N92-21728 *
US-PATENT-CLASS-188-180 ..... c 37 N81-15364 *
US-PATENT-CLASS-188-184 ..... c 37 N81-15364 *
US-PATENT-CLASS-188-1 ..... c 15 N70-34861 *
US-PATENT-CLASS-188-1 ..... c 15 N70-38601 *
US-PATENT-CLASS-188-1 ..... c 15 N70-40354 *
US-PATENT-CLASS-188-1 ..... c 14 N71-17626 *
US-PATENT-CLASS-188-1 ..... c 15 N71-22877 *
US-PATENT-CLASS-188-1 ..... c 14 N71-23092 *
US-PATENT-CLASS-188-1 ..... c 15 N71-26243 *
US-PATENT-CLASS-188-1 ..... c 15 N71-27146 *
US-PATENT-CLASS-188-1 ..... c 15 N71-27169 *
US-PATENT-CLASS-188-218-XL . c 37 N88-29181 *
US-PATENT-CLASS-188-24.11 .... c 37 N91-32514 *
US-PATENT-CLASS-188-251-A ... c 37 N88-29181 *
US-PATENT-CLASS-188-266 ..... c 15 N73-25513 *
US-PATENT-CLASS-188-268 ..... c 15 N72-20443 *
US-PATENT-CLASS-188-269 ..... c 44 N79-14527 *
US-PATENT-CLASS-188-291 ..... c 54 N77-21844 *
US-PATENT-CLASS-188-371 ..... c 37 N82-18601 *
US-PATENT-CLASS-188-373 ..... c 37 N88-23982 *
US-PATENT-CLASS-188-378 ..... c 37 N92-34173 *
US-PATENT-CLASS-188-65.1 ..... c 15 N73-25512 *
US-PATENT-CLASS-188-65.5 ..... c 15 N71-27067 *
US-PATENT-CLASS-188-82.84 .... c 37 N92-21728 *
US-PATENT-CLASS-188-82.9 ..... c 37 N92-21728 *
US-PATENT-CLASS-188-87 ..... c 12 N71-16894 *
US-PATENT-CLASS-188-88 ..... c 15 N71-26611 *
US-PATENT-CLASS-189-36 ..... c 15 N70-36947 *
US-PATENT-CLASS-19-205 ..... c 37 N76-18456 *
US-PATENT-CLASS-191-12.2-R .. c 33 N86-20669 *
US-PATENT-CLASS-192-43.1 ..... c 15 N71-17805 *
US-PATENT-CLASS-192-46 ..... c 37 N87-17037 *
US-PATENT-CLASS-192-67R ..... c 37 N87-17037 *
US-PATENT-CLASS-194-82.26 .... c 37 N90-21390 *
US-PATENT-CLASS-194-82.29 .... c 37 N90-21390 *
US-PATENT-CLASS-194-902 ..... c 37 N89-13785 *
US-PATENT-CLASS-195-1.8 ..... c 51 N77-25769 *
US-PATENT-CLASS-195-1.8 ..... c 51 N79-10694 *
US-PATENT-CLASS-195-1.8 ..... c 52 N79-14749 *
US-PATENT-CLASS-195-103.5K . c 51 N77-22794 *
US-PATENT-CLASS-195-103.5K . c 52 N79-14750 *
US-PATENT-CLASS-195-103.5L .. c 52 N79-14750 *
US-PATENT-CLASS-195-103.5R . c 06 N72-25149 *
US-PATENT-CLASS-195-103.5R . c 25 N75-12086 *
US-PATENT-CLASS-195-103.5R . c 35 N75-27330 *
US-PATENT-CLASS-195-103.5R . c 35 N75-33368 *
US-PATENT-CLASS-195-103.5R . c 51 N76-29891 *
US-PATENT-CLASS-195-103.5R . c 51 N77-22794 *
US-PATENT-CLASS-195-103.5R . c 25 N79-22235 *
US-PATENT-CLASS-195-120 ..... c 51 N75-13502 *
US-PATENT-CLASS-195-120 ..... c 35 N75-27330 *
US-PATENT-CLASS-195-127 ..... c 15 N72-21465 *
US-PATENT-CLASS-195-127 ..... c 11 N72-25284 *
US-PATENT-CLASS-195-127 ..... c 14 N72-25413 *
US-PATENT-CLASS-195-127 ..... c 15 N73-20514 *
US-PATENT-CLASS-195-127 ..... c 05 N73-32011 *
US-PATENT-CLASS-195-127 ..... c 35 N75-12272 *
US-PATENT-CLASS-195-127 ..... c 51 N75-13502 *
US-PATENT-CLASS-195-127 ..... c 35 N75-27330 *
US-PATENT-CLASS-195-127 ..... c 25 N79-22235 *
US-PATENT-CLASS-195-127 ..... c 25 N79-24073 *
US-PATENT-CLASS-195-141 ..... c 35 N75-27330 *
US-PATENT-CLASS-195-28N ..... c 06 N72-25149 *
US-PATENT-CLASS-195-66R ..... c 06 N73-27086 *
US-PATENT-CLASS-195-68 ..... c 04 N69-27487 * #
US-PATENT-CLASS-195-99 ..... c 06 N71-17705 *
US-PATENT-CLASS-197-188 ..... c 37 N77-19457 *
US-PATENT-CLASS-197-190 ..... c 37 N77-19457 *
US-PATENT-CLASS-198-847 ..... c 37 N80-32717 *
US-PATENT-CLASS-198-848 ..... c 37 N80-32717 *
US-PATENT-CLASS-1 ..... c 14 N71-27005 *
US-PATENT-CLASS-2-115 ..... c 05 N72-25119 *
US-PATENT-CLASS-2-14 ..... c 05 N71-23096 *
US-PATENT-CLASS-2-161R ..... c 54 N84-23113 *
US-PATENT-CLASS-2-161R ..... c 54 N84-28484 *
US-PATENT-CLASS-2-161 ..... c 54 N78-17677 *
US-PATENT-CLASS-2-164 ..... c 54 N84-28484 *
US-PATENT-CLASS-2-167 ..... c 54 N84-23113 *
US-PATENT-CLASS-2-167 ..... c 54 N84-28484 *
US-PATENT-CLASS-2-2.1A ..... c 05 N72-22092 *
US-PATENT-CLASS-2-2.1A ..... c 05 N73-25125 *
US-PATENT-CLASS-2-2.1A ..... c 05 N73-32012 *
US-PATENT-CLASS-2-2.1A ..... c 54 N74-32546 *
US-PATENT-CLASS-2-2.1A ..... c 54 N77-32721 *
US-PATENT-CLASS-2-2.1A ..... c 54 N78-17675 *
US-PATENT-CLASS-2-2.1A ..... c 54 N78-31735 *
US-PATENT-CLASS-2-2.1A ..... c 54 N78-31736 *
US-PATENT-CLASS-2-2.1A ..... c 54 N79-24651 *
US-PATENT-CLASS-2-2.1A ..... c 54 N86-28618 *
US-PATENT-CLASS-2-2.1A ..... c 54 N86-28619 *
US-PATENT-CLASS-2-2.1A ..... c 54 N86-28620 *
US-PATENT-CLASS-2-2.1A ..... c 54 N86-29507 * #
US-PATENT-CLASS-2-2.1A ..... c 18 N90-16860 *
US-PATENT-CLASS-2-2.1A ..... c 27 N92-10091 *
US-PATENT-CLASS-2-2.1R ..... c 54 N86-28618 *
US-PATENT-CLASS-2-2.1R ..... c 54 N86-28619 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-11194 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-11195 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-12335 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-12344 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-23161 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-24623 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-24730 *
US-PATENT-CLASS-2-2.1 ..... c 05 N72-20096 *
US-PATENT-CLASS-2-2.1 ..... c 05 N72-20098 *
US-PATENT-CLASS-2-2.1 ..... c 05 N72-25119 *
US-PATENT-CLASS-2-2.1 ..... c 05 N73-26071 *
US-PATENT-CLASS-2-2.1 ..... c 34 N78-17337 *
US-PATENT-CLASS-2-2.1 ..... c 54 N78-17678 *
US-PATENT-CLASS-2-2.1 ..... c 54 N78-18761 *
US-PATENT-CLASS-2-201 ..... c 54 N89-29953 *
US-PATENT-CLASS-2-275 ..... c 18 N71-26285 *
US-PATENT-CLASS-2-411 ..... c 27 N92-10091 *
US-PATENT-CLASS-2-424 ..... c 27 N92-10091 *
US-PATENT-CLASS-2-6 ..... c 05 N71-26333 *
US-PATENT-CLASS-2-6 ..... c 54 N78-17680 *
US-PATENT-CLASS-2-81 ..... c 18 N71-26285 *
US-PATENT-CLASS-2-81 ..... c 05 N73-32012 *
US-PATENT-CLASS-2-82 ..... c 54 N74-32546 *
US-PATENT-CLASS-200-114 ..... c 33 N79-33393 *
US-PATENT-CLASS-200-129 ..... c 33 N75-27249 *
US-PATENT-CLASS-200-152 ..... c 09 N71-19610 *
US-PATENT-CLASS-200-153S .... c 33 N80-18285 *
US-PATENT-CLASS-200-157 ..... c 08 N86-27288 *
US-PATENT-CLASS-200-19 ..... c 09 N70-39915 *
US-PATENT-CLASS-200-304 ..... c 33 N80-18285 *
US-PATENT-CLASS-200-39 ..... c 03 N70-38713 *
US-PATENT-CLASS-200-46 ..... c 74 N79-12890 *
US-PATENT-CLASS-200-61.05 .... c 25 N86-27431 *
US-PATENT-CLASS-200-61.42 .... c 09 N71-12518 *
US-PATENT-CLASS-200-61.45 .... c 14 N70-41812 *
US-PATENT-CLASS-200-61 ..... c 74 N79-12890 *
US-PATENT-CLASS-200-64 ..... c 15 N72-17455 *
US-PATENT-CLASS-200-6 ..... c 10 N71-15909 *
US-PATENT-CLASS-200-6 ..... c 09 N71-16089 *
US-PATENT-CLASS-200-81.9M ... c 09 N72-20199 *
US-PATENT-CLASS-200-81R ..... c 09 N72-22204 *
US-PATENT-CLASS-200-82C ..... c 09 N72-22204 *
US-PATENT-CLASS-200-82 ..... c 10 N71-23663 *
US-PATENT-CLASS-200-83N ..... c 35 N75-15931 *
US-PATENT-CLASS-200-83 ..... c 33 N79-33392 *
US-PATENT-CLASS-201-10 ..... c 27 N81-17261 *
US-PATENT-CLASS-201-17 ..... c 44 N78-31527 *
US-PATENT-CLASS-201-17 ..... c 25 N81-33246 *
US-PATENT-CLASS-201-17 ..... c 25 N82-29371 *
US-PATENT-CLASS-201-17 ..... c 25 N83-31743 *
US-PATENT-CLASS-201-17 ..... c 25 N85-35253 *
US-PATENT-CLASS-201-25 ..... c 27 N81-17261 *
US-PATENT-CLASS-201-8 ..... c 27 N81-17261 *
US-PATENT-CLASS-202-118 ..... c 31 N81-15154 *
US-PATENT-CLASS-202-182 ..... c 05 N71-11207 *
US-PATENT-CLASS-202-234 ..... c 15 N71-23086 *
US-PATENT-CLASS-203-12 ..... c 25 N82-28368 *
US-PATENT-CLASS-203-90 ..... c 25 N88-23846 *
US-PATENT-CLASS-203-91 ..... c 25 N88-23846 *
US-PATENT-CLASS-203-98 ..... c 25 N88-23846 *
US-PATENT-CLASS-204-DIG.11 . c 25 N77-32255 *
US-PATENT-CLASS-204-DIG.3 .... c 25 N84-12262 *
US-PATENT-CLASS-204-DIG.3 .... c 44 N84-23019 *
US-PATENT-CLASS-204-1T ..... c 25 N79-22235 *
US-PATENT-CLASS-204-1T ..... c 51 N81-28698 *
US-PATENT-CLASS-204-1T ..... c 25 N82-12166 *
US-PATENT-CLASS-204-1T ..... c 76 N84-35112 * #
US-PATENT-CLASS-204-1T ..... c 35 N85-29212 *
US-PATENT-CLASS-204-1T ..... c 76 N85-30923 *
US-PATENT-CLASS-204-129.55 .. c 31 N83-19947 *
US-PATENT-CLASS-204-129.75 .. c 31 N83-19947 *
US-PATENT-CLASS-204-129 ..... c 28 N81-24280 *
US-PATENT-CLASS-204-129 ..... c 25 N84-12262 *
US-PATENT-CLASS-204-129 ..... c 44 N84-23019 *
US-PATENT-CLASS-204-129 ..... c 25 N92-28756 *
US-PATENT-CLASS-204-130 ..... c 15 N72-21466 *
US-PATENT-CLASS-204-157.1H . c 25 N74-30502 *
US-PATENT-CLASS-204-157.1H . c 37 N76-18458 *
US-PATENT-CLASS-204-157.1R . c 25 N77-32255 *
US-PATENT-CLASS-204-157.1R . c 44 N77-32580 *
US-PATENT-CLASS-204-157.1R . c 44 N79-11470 *
US-PATENT-CLASS-204-157.18AG c 15 N72-25452 *
US-PATENT-CLASS-204-157.22 .. c 25 N88-24732 *
US-PATENT-CLASS-204-157.51 .. c 25 N90-20154 *
US-PATENT-CLASS-204-158R .... c 25 N77-32255 *
US-PATENT-CLASS-204-159.11 .. c 27 N80-32516 *
US-PATENT-CLASS-204-159.14 .. c 27 N80-32516 *
US-PATENT-CLASS-204-159.15 .. c 27 N80-26446 *
US-PATENT-CLASS-204-159.19 .. c 27 N80-26446 *
US-PATENT-CLASS-204-162R .... c 25 N77-32255 *
US-PATENT-CLASS-204-164 ..... c 26 N78-32229 *
US-PATENT-CLASS-204-168 ..... c 24 N71-25555 *
US-PATENT-CLASS-204-16 ..... c 24 N77-19171 *
US-PATENT-CLASS-204-171 ..... c 27 N80-23452 *
US-PATENT-CLASS-204-175 ..... c 26 N78-32229 *
US-PATENT-CLASS-204-177 ..... c 25 N75-12087 *
US-PATENT-CLASS-204-180.1 .... c 25 N88-23845 *
US-PATENT-CLASS-204-180.1 .... c 25 N92-28728 *
US-PATENT-CLASS-204-180G .... c 25 N78-14104 *
US-PATENT-CLASS-204-180G .... c 25 N79-14169 *
US-PATENT-CLASS-204-180G .... c 37 N80-14397 *
US-PATENT-CLASS-204-180P .... c 54 N78-14784 *
US-PATENT-CLASS-204-180R .... c 25 N74-26948 *
US-PATENT-CLASS-204-180R .... c 34 N74-27744 *
US-PATENT-CLASS-204-180R .... c 51 N80-16715 *
US-PATENT-CLASS-204-180S .... c 25 N79-10163 *
US-PATENT-CLASS-204-180S .... c 25 N79-14169 *
US-PATENT-CLASS-204-183.3 .... c 25 N92-28728 *
US-PATENT-CLASS-204-192.15 .. c 26 N87-25455 *
US-PATENT-CLASS-204-192.15 .. c 76 N88-24543 *
US-PATENT-CLASS-204-192.23 .. c 26 N87-25455 *
US-PATENT-CLASS-204-192.24 .. c 76 N88-24543 *
US-PATENT-CLASS-204-192.31 .. c 26 N88-14179 *
US-PATENT-CLASS-204-192.32 .. c 25 N91-31258 *
US-PATENT-CLASS-204-192-C ... c 27 N86-19458 *
US-PATENT-CLASS-204-192-D ... c 27 N86-19458 *
US-PATENT-CLASS-204-192-R ... c 27 N86-19458 *
US-PATENT-CLASS-204-192C .... c 76 N79-14906 *
US-PATENT-CLASS-204-192C .... c 26 N82-29415 *
US-PATENT-CLASS-204-192C .... c 26 N82-30371 *

US-PATENT-CLASS-204-192C .... c 24 N84-22695 *
US-PATENT-CLASS-204-192C .... c 31 N85-20153 *
US-PATENT-CLASS-204-192C .... c 24 N85-21267 *
US-PATENT-CLASS-204-192C .... c 76 N85-33826 *
US-PATENT-CLASS-204-192C .... c 27 N86-32569 *
US-PATENT-CLASS-204-192C .... c 31 N86-32587 *
US-PATENT-CLASS-204-192D .... c 27 N86-32569 *
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US-PATENT-CLASS-204-192 ..... c 27 N74-13270 *
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US-PATENT-CLASS-204-192 ..... c 37 N75-19684 *
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US-PATENT-CLASS-204-195S ..... c 25 N82-12166 *
US-PATENT-CLASS-204-195W ... c 35 N78-25391 *
US-PATENT-CLASS-204-195 ..... c 14 N71-17575 *
US-PATENT-CLASS-204-2.1 ..... c 44 N81-29524 *
US-PATENT-CLASS-204-20 ..... c 18 N71-16210 *
US-PATENT-CLASS-204-222 ..... c 31 N74-23065 *
US-PATENT-CLASS-204-224 ..... c 37 N80-14395 *
US-PATENT-CLASS-204-242 ..... c 33 N75-27252 *
US-PATENT-CLASS-204-242 ..... c 25 N84-12262 *
US-PATENT-CLASS-204-252 ..... c 28 N81-24280 *
US-PATENT-CLASS-204-263 ..... c 14 N71-28933 *
US-PATENT-CLASS-204-263 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-264 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-266 ..... c 28 N81-24280 *
US-PATENT-CLASS-204-266 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-267 ..... c 33 N75-27252 *
US-PATENT-CLASS-204-275 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-276 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-278 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-278 ..... c 25 N84-12262 *
US-PATENT-CLASS-204-278 ..... c 44 N84-23019 *
US-PATENT-CLASS-204-279 ..... c 33 N75-27252 *
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US-PATENT-CLASS-204-286 ..... c 33 N75-27252 *
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US-PATENT-CLASS-204-290 ..... c 44 N84-28205 *
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US-PATENT-CLASS-204-292 ..... c 25 N78-10225 *
US-PATENT-CLASS-204-298 ..... c 15 N70-34967 *
US-PATENT-CLASS-204-298 ..... c 09 N71-26701 *
US-PATENT-CLASS-204-298 ..... c 15 N72-32487 *
US-PATENT-CLASS-204-298 ..... c 37 N75-19684 *
US-PATENT-CLASS-204-298 ..... c 27 N86-32569 *
US-PATENT-CLASS-204-298 ..... c 31 N86-32587 *
US-PATENT-CLASS-204-298 ..... c 31 N87-21160 *
US-PATENT-CLASS-204-299-R ... c 25 N88-23845 *
US-PATENT-CLASS-204-299R .... c 25 N78-14104 *
US-PATENT-CLASS-204-299R .... c 25 N79-14169 *
US-PATENT-CLASS-204-299R .... c 37 N80-14397 *
US-PATENT-CLASS-204-299R .... c 51 N80-16715 *
US-PATENT-CLASS-204-299R .... c 25 N83-10126 *
US-PATENT-CLASS-204-299R .... c 25 N83-13187 *
US-PATENT-CLASS-204-299R .... c 27 N92-25397 *
US-PATENT-CLASS-204-299R .... c 25 N92-28728 *
US-PATENT-CLASS-204-299 ..... c 34 N74-27744 *
US-PATENT-CLASS-204-299 ..... c 25 N79-10163 *
US-PATENT-CLASS-204-300EC .. c 27 N92-25397 *
US-PATENT-CLASS-204-301 ..... c 54 N78-14784 *
US-PATENT-CLASS-204-305 ..... c 03 N71-24718 *
US-PATENT-CLASS-204-30 ..... c 09 N71-28691 *
US-PATENT-CLASS-204-32A ..... c 33 N77-26385 *
US-PATENT-CLASS-204-32R ..... c 44 N76-14595 *
US-PATENT-CLASS-204-324 ..... c 33 N73-16918 *
US-PATENT-CLASS-204-325 ..... c 33 N73-16918 *
US-PATENT-CLASS-204-328 ..... c 33 N73-16918 *
US-PATENT-CLASS-204-32 ..... c 44 N79-11469 *
US-PATENT-CLASS-204-33 ..... c 17 N71-25903 *
US-PATENT-CLASS-204-33 ..... c 44 N76-14595 *
US-PATENT-CLASS-204-33 ..... c 44 N79-11469 *
US-PATENT-CLASS-204-33 ..... c 44 N83-34449 *
US-PATENT-CLASS-204-35N ..... c 27 N83-29388 *
US-PATENT-CLASS-204-35N ..... c 44 N83-34449 *
US-PATENT-CLASS-204-37.6 ..... c 76 N84-35112 * #
US-PATENT-CLASS-204-37R ..... c 44 N79-11469 *
US-PATENT-CLASS-204-37R ..... c 27 N83-29388 *
US-PATENT-CLASS-204-37 ..... c 33 N71-29151 *
US-PATENT-CLASS-204-38A ..... c 44 N76-14595 *
US-PATENT-CLASS-204-38B ..... c 44 N79-11469 *
US-PATENT-CLASS-204-38B ..... c 27 N82-33521 *
US-PATENT-CLASS-204-38 ..... c 17 N71-24830 *
US-PATENT-CLASS-204-40 ..... c 44 N76-14595 *
US-PATENT-CLASS-204-40 ..... c 24 N77-19171 *
US-PATENT-CLASS-204-42 ..... c 44 N76-14595 *
US-PATENT-CLASS-204-430 ..... c 35 N85-29212 *
US-PATENT-CLASS-204-49 ..... c 15 N72-25452 *
US-PATENT-CLASS-204-49 ..... c 44 N76-14595 *
US-PATENT-CLASS-204-56R ..... c 44 N83-10494 *
US-PATENT-CLASS-204-56R ..... c 27 N83-29388 *
US-PATENT-CLASS-204-56R ..... c 76 N84-35112 * #
US-PATENT-CLASS-204-59 ..... c 15 N72-21466 *
US-PATENT-CLASS-204-9 ..... c 20 N74-32919 *
US-PATENT-CLASS-204-9 ..... c 24 N77-19171 *
US-PATENT-CLASS-204/298 ..... c 27 N86-19458 *
US-PATENT-CLASS-2041-195B .. c 25 N79-22235 *
US-PATENT-CLASS-205-343 ..... c 35 N75-30502 *
US-PATENT-CLASS-206-0.7 ..... c 31 N89-29578 *
US-PATENT-CLASS-206-364 ..... c 31 N92-33612 *
US-PATENT-CLASS-206-366 ..... c 31 N92-33612 *
US-PATENT-CLASS-206-370 ..... c 31 N92-33612 *
US-PATENT-CLASS-206-439 ..... c 52 N79-14749 *
US-PATENT-CLASS-206-447 ..... c 27 N84-14323 *
US-PATENT-CLASS-206-582 ..... c 27 N84-14323 *
US-PATENT-CLASS-206-818 ..... c 31 N92-33612 *
US-PATENT-CLASS-208-10 ..... c 25 N79-11152 *
US-PATENT-CLASS-208-10 ..... c 23 N84-16255 *
US-PATENT-CLASS-208-10 ..... c 25 N84-22709 *
US-PATENT-CLASS-208-11 ..... c 25 N86-25428 *
US-PATENT-CLASS-208-241 ..... c 25 N82-23282 *
US-PATENT-CLASS-208-8LE ..... c 23 N84-16255 *
US-PATENT-CLASS-208-8LE ..... c 25 N84-22709 *
US-PATENT-CLASS-208-8 ..... c 25 N79-11152 *
US-PATENT-CLASS-209-10 ..... c 15 N71-20440 *
US-PATENT-CLASS-209-127R .... c 35 N76-22509 *
US-PATENT-CLASS-209-250 ..... c 37 N76-18456 *
US-PATENT-CLASS-209-300 ..... c 37 N76-18456 *
US-PATENT-CLASS-209-305 ..... c 37 N76-18456 *
US-PATENT-CLASS-209-349 ..... c 15 N72-22483 *
US-PATENT-CLASS-209-422 ..... c 71 N85-30765 *
US-PATENT-CLASS-209-638 ..... c 71 N85-30765 *
US-PATENT-CLASS-21-207 ..... c 17 N71-16393 *
US-PATENT-CLASS-210-DIG.23 . c 52 N79-14749 *
US-PATENT-CLASS-210-DIG.27 . c 27 N77-31308 *
US-PATENT-CLASS-210-103 ..... c 05 N72-27102 *
US-PATENT-CLASS-210-104 ..... c 05 N72-27102 *
US-PATENT-CLASS-210-108 ..... c 34 N79-24285 *
US-PATENT-CLASS-210-110 ..... c 05 N72-27102 *
US-PATENT-CLASS-210-137 ..... c 05 N72-27102 *
US-PATENT-CLASS-210-142 ..... c 34 N79-24285 *
US-PATENT-CLASS-210-151 ..... c 45 N84-12654 *
US-PATENT-CLASS-210-186 ..... c 37 N80-10494 *
US-PATENT-CLASS-210-188 ..... c 12 N72-25292 *
US-PATENT-CLASS-210-192 ..... c 54 N78-14784 *
US-PATENT-CLASS-210-198.2 .... c 25 N92-33009 *
US-PATENT-CLASS-210-205 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-209 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-212 ..... c 03 N72-20033 *
US-PATENT-CLASS-210-222 ..... c 35 N78-12390 *
US-PATENT-CLASS-210-222 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-223 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-22 ..... c 52 N80-14687 *
US-PATENT-CLASS-210-23F ..... c 51 N79-10693 *
US-PATENT-CLASS-210-23H ..... c 27 N80-23452 *
US-PATENT-CLASS-210-234 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-24R ..... c 27 N81-14076 *
US-PATENT-CLASS-210-247 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-24 ..... c 27 N77-30236 *
US-PATENT-CLASS-210-24 ..... c 25 N81-19244 *
US-PATENT-CLASS-210-257.1 .... c 29 N90-21209 *
US-PATENT-CLASS-210-259 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-266 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-269 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-282 ..... c 37 N87-17035 *
US-PATENT-CLASS-210-287 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-28 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-304 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-314 ..... c 28 N70-41447 *
US-PATENT-CLASS-210-321.1 .... c 25 N82-21269 *
US-PATENT-CLASS-210-321.6 .... c 29 N90-21209 *
US-PATENT-CLASS-210-321B .... c 52 N80-14687 *
US-PATENT-CLASS-210-333 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-340 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-340 ..... c 37 N80-10494 *
US-PATENT-CLASS-210-340 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-355 ..... c 51 N91-14703 *
US-PATENT-CLASS-210-396 ..... c 51 N91-21701 *
US-PATENT-CLASS-210-40 ..... c 27 N77-31308 *
US-PATENT-CLASS-210-40 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-40 ..... c 45 N82-11634 *
US-PATENT-CLASS-210-411 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-414 ..... c 51 N91-14703 *
US-PATENT-CLASS-210-425 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-429 ..... c 37 N76-14463 *
US-PATENT-CLASS-210-433M .... c 51 N79-10693 *
US-PATENT-CLASS-210-445 ..... c 15 N72-11389 *
US-PATENT-CLASS-210-45 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-500.25 .. c 31 N88-29052 *
US-PATENT-CLASS-210-500.35 .. c 31 N88-29052 *
US-PATENT-CLASS-210-500M .... c 27 N80-23452 *
US-PATENT-CLASS-210-500M .... c 25 N81-17187 *
US-PATENT-CLASS-210-500 ..... c 25 N75-12087 *
US-PATENT-CLASS-210-502.1 .... c 25 N92-33009 *
US-PATENT-CLASS-210-50 ..... c 45 N79-12584 *
US-PATENT-CLASS-210-512.1 .... c 35 N90-22024 *
US-PATENT-CLASS-210-512 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-54 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-57 ..... c 45 N80-14579 *
US-PATENT-CLASS-210-602 ..... c 45 N84-12654 *
US-PATENT-CLASS-210-605 ..... c 45 N84-12654 *
US-PATENT-CLASS-210-60 ..... c 45 N79-12584 *
US-PATENT-CLASS-210-615 ..... c 45 N91-14662 *
US-PATENT-CLASS-210-617 ..... c 45 N84-12654 *
US-PATENT-CLASS-210-63R ..... c 25 N78-10225 *
US-PATENT-CLASS-210-63R ..... c 45 N79-12584 *
US-PATENT-CLASS-210-63Z ..... c 45 N80-14579 *
US-PATENT-CLASS-210-635 ..... c 25 N92-33009 *
US-PATENT-CLASS-210-639 ..... c 31 N88-29052 *
US-PATENT-CLASS-210-653 ..... c 31 N88-29052 *
US-PATENT-CLASS-210-66 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-670 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-67 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-695 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-70 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-71 ..... c 25 N78-10225 *
US-PATENT-CLASS-210-73R ..... c 85 N79-17747 *
US-PATENT-CLASS-210-748 ..... c 71 N83-35781 *
US-PATENT-CLASS-210-748 ..... c 35 N84-17555 *
US-PATENT-CLASS-210-748 ..... c 54 N91-31803 * #
US-PATENT-CLASS-210-748 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-748 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-758 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-767 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-82 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-94 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-95 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-96M ..... c 54 N78-14784 *
US-PATENT-CLASS-210-96M ..... c 51 N79-10693 *
US-PATENT-CLASS-210-97 ..... c 35 N90-22024 *
US-PATENT-CLASS-211-126 ..... c 35 N86-20751 *
US-PATENT-CLASS-211-74 ..... c 35 N86-20751 *
US-PATENT-CLASS-212-11 ..... c 32 N71-17609 *
US-PATENT-CLASS-212-134 ..... c 15 N72-11388 *
US-PATENT-CLASS-212-225 ..... c 18 N89-12621 *
US-PATENT-CLASS-212-230 ..... c 37 N86-20789 *
US-PATENT-CLASS-212-257 ..... c 18 N89-12621 *
US-PATENT-CLASS-212-267 ..... c 31 N81-27324 *
US-PATENT-CLASS-213-81 ..... c 37 N77-23483 *
US-PATENT-CLASS-214-ICM ..... c 37 N76-15460 *
US-PATENT-CLASS-214-1BC ..... c 54 N77-32721 *
US-PATENT-CLASS-214-1B ..... c 54 N75-27758 *
US-PATENT-CLASS-214-1CM ..... c 15 N72-28495 *
US-PATENT-CLASS-214-1CM ..... c 54 N75-12616 *
US-PATENT-CLASS-214-1CM ..... c 18 N75-27041 *
US-PATENT-CLASS-214-1CM ..... c 54 N75-27758 *
US-PATENT-CLASS-214-1CM ..... c 37 N77-23483 *
US-PATENT-CLASS-214-1CM ..... c 54 N77-32721 *
US-PATENT-CLASS-214-1CM ..... c 54 N78-17676 *
US-PATENT-CLASS-214-1R ..... c 37 N76-15457 *
US-PATENT-CLASS-214-16.1CB . c 37 N77-22480 *
US-PATENT-CLASS-214-1 ..... c 32 N70-41367 *
US-PATENT-CLASS-214-90R ..... c 03 N72-25021 *
US-PATENT-CLASS-215-247 ..... c 33 N76-19339 *
US-PATENT-CLASS-219-10.41 .... c 33 N82-26571 *
US-PATENT-CLASS-219-10.43 .... c 31 N85-29083 *
US-PATENT-CLASS-219-10.49R . c 33 N81-19389 *
US-PATENT-CLASS-219-10.49 .... c 11 N71-15925 *
US-PATENT-CLASS-219-10.49 .... c 31 N85-29083 *
US-PATENT-CLASS-219-10.53 .... c 33 N82-26571 *
US-PATENT-CLASS-219-10.53 .... c 31 N85-29083 *
US-PATENT-CLASS-219-10.67 .... c 33 N81-19389 *
US-PATENT-CLASS-219-10.77 .... c 31 N85-29083 *
US-PATENT-CLASS-219-101 ..... c 15 N73-14468 *
US-PATENT-CLASS-219-101 ..... c 37 N74-11300 *
US-PATENT-CLASS-219-107 ..... c 15 N73-28515 *
US-PATENT-CLASS-219-107 ..... c 37 N74-11300 *
US-PATENT-CLASS-219-109 ..... c 15 N72-23497 *
US-PATENT-CLASS-219-117 ..... c 15 N73-32358 *
US-PATENT-CLASS-219-118 ..... c 37 N76-27568 *

US-PATENT-CLASS-219-118 ..... c 37 N77-11397 *
US-PATENT-CLASS-219-119 ..... c 15 N73-14468 *
US-PATENT-CLASS-219-121.28 .. c 35 N90-20351 *
US-PATENT-CLASS-219-121.47 .. c 75 N91-25875 *
US-PATENT-CLASS-219-121.48 .. c 75 N91-25875 *
US-PATENT-CLASS-219-121.52 .. c 75 N91-25875 *
US-PATENT-CLASS-219-121.54 .. c 37 N88-30131 *
US-PATENT-CLASS-219-121.56 .. c 37 N88-30131 *
US-PATENT-CLASS-219-121.57 .. c 37 N88-30131 *
US-PATENT-CLASS-219-121.68 .. c 31 N91-14508 *
US-PATENT-CLASS-219-121.72 .. c 37 N91-32508 *
US-PATENT-CLASS-219-121LE .. c 26 N86-32551 *
US-PATENT-CLASS-219-121LN .. c 44 N82-26777 *
US-PATENT-CLASS-219-121LY .. c 26 N86-32551 *
US-PATENT-CLASS-219-121P ..... c 15 N72-32487 *
US-PATENT-CLASS-219-121 ..... c 15 N69-21471 * #
US-PATENT-CLASS-219-121 ..... c 33 N70-34540 *
US-PATENT-CLASS-219-121 ..... c 15 N71-19486 *
US-PATENT-CLASS-219-121 ..... c 16 N71-20400 *
US-PATENT-CLASS-219-121 ..... c 15 N71-27135 *
US-PATENT-CLASS-219-124.02 .. c 37 N88-30131 *
US-PATENT-CLASS-219-124.2-2 c 37 N79-10421 *
US-PATENT-CLASS-219-124.32 .. c 37 N79-10421 *
US-PATENT-CLASS-219-124.34 .. c 37 N86-21850 *
US-PATENT-CLASS-219-124.34 .. c 74 N87-17493 *
US-PATENT-CLASS-219-124.34 .. c 74 N87-25843 *
US-PATENT-CLASS-219-124.34 .. c 37 N88-14362 *
US-PATENT-CLASS-219-125.1 .... c 37 N79-10421 *
US-PATENT-CLASS-219-125 ..... c 15 N71-23815 *
US-PATENT-CLASS-219-125 ..... c 37 N75-27376 *
US-PATENT-CLASS-219-130.01 .. c 74 N87-17493 *
US-PATENT-CLASS-219-130.01 .. c 74 N87-25843 *
US-PATENT-CLASS-219-130.01 .. c 37 N88-14362 *
US-PATENT-CLASS-219-130.4 .... c 37 N88-30131 *
US-PATENT-CLASS-219-130 ..... c 15 N71-23798 *
US-PATENT-CLASS-219-131 ..... c 15 N71-15871 *
US-PATENT-CLASS-219-136 ..... c 37 N88-14362 *
US-PATENT-CLASS-219-136 ..... c 31 N90-23586 *
US-PATENT-CLASS-219-136 ..... c 31 N90-26168 *
US-PATENT-CLASS-219-137.42 .. c 37 N88-23980 *
US-PATENT-CLASS-219-137 ..... c 15 N70-34814 *
US-PATENT-CLASS-219-137 ..... c 37 N75-19683 *
US-PATENT-CLASS-219-158 ..... c 15 N72-22491 *
US-PATENT-CLASS-219-160 ..... c 37 N80-23655 *
US-PATENT-CLASS-219-161 ..... c 37 N80-23655 *
US-PATENT-CLASS-219-19 ..... c 33 N70-34812 *
US-PATENT-CLASS-219-201 ..... c 52 N80-16725 *
US-PATENT-CLASS-219-201 ..... c 37 N85-29286 *
US-PATENT-CLASS-219-203 ..... c 11 N73-12265 *
US-PATENT-CLASS-219-203 ..... c 27 N84-33589 *
US-PATENT-CLASS-219-209 ..... c 35 N81-26431 *
US-PATENT-CLASS-219-210 ..... c 35 N81-26431 *
US-PATENT-CLASS-219-216 ..... c 35 N74-15831 *
US-PATENT-CLASS-219-219 ..... c 27 N84-33589 *
US-PATENT-CLASS-219-221 ..... c 15 N72-11392 *
US-PATENT-CLASS-219-221 ..... c 37 N85-29286 *
US-PATENT-CLASS-219-229 ..... c 15 N71-27214 *
US-PATENT-CLASS-219-234 ..... c 15 N72-22491 *
US-PATENT-CLASS-219-234 ..... c 15 N72-23497 *
US-PATENT-CLASS-219-243 ..... c 15 N72-11392 *
US-PATENT-CLASS-219-273 ..... c 15 N72-32487 *
US-PATENT-CLASS-219-275 ..... c 15 N71-20395 *
US-PATENT-CLASS-219-275 ..... c 20 N87-16875 *
US-PATENT-CLASS-219-285 ..... c 37 N85-29286 *
US-PATENT-CLASS-219-299 ..... c 51 N79-10694 *
US-PATENT-CLASS-219-300 ..... c 37 N77-13418 *
US-PATENT-CLASS-219-302 ..... c 51 N79-10694 *
US-PATENT-CLASS-219-304 ..... c 37 N77-13418 *
US-PATENT-CLASS-219-343 ..... c 27 N83-36220 *
US-PATENT-CLASS-219-347 ..... c 15 N69-27871 * #
US-PATENT-CLASS-219-347 ..... c 33 N70-34545 *
US-PATENT-CLASS-219-348 ..... c 15 N73-27405 *
US-PATENT-CLASS-219-34 ..... c 09 N70-33312 *
US-PATENT-CLASS-219-354 ..... c 27 N83-36220 *
US-PATENT-CLASS-219-364 ..... c 33 N71-16278 *
US-PATENT-CLASS-219-378 ..... c 33 N71-25353 *
US-PATENT-CLASS-219-383 ..... c 09 N88-28939 *
US-PATENT-CLASS-219-388 ..... c 35 N74-15831 *
US-PATENT-CLASS-219-390 ..... c 27 N83-36220 *
US-PATENT-CLASS-219-390 ..... c 35 N86-20750 *
US-PATENT-CLASS-219-390 ..... c 14 N91-27175 *
US-PATENT-CLASS-219-395 ..... c 35 N86-20750 *
US-PATENT-CLASS-219-396 ..... c 35 N86-20750 *
US-PATENT-CLASS-219-410 ..... c 12 N79-26075 *
US-PATENT-CLASS-219-411 ..... c 17 N69-25147 * #
US-PATENT-CLASS-219-411 ..... c 27 N83-36220 *
US-PATENT-CLASS-219-413 ..... c 14 N71-28958 *
US-PATENT-CLASS-219-477 ..... c 33 N74-14935 *
US-PATENT-CLASS-219-497 ..... c 77 N75-20140 *
US-PATENT-CLASS-219-499 ..... c 14 N73-26430 *
US-PATENT-CLASS-219-501 ..... c 77 N75-20140 *
US-PATENT-CLASS-219-505 ..... c 14 N71-27058 *
US-PATENT-CLASS-219-505 ..... c 77 N75-20140 *
US-PATENT-CLASS-219-50 ..... c 14 N73-26430 *
US-PATENT-CLASS-219-510 ..... c 35 N81-26431 *
US-PATENT-CLASS-219-522 ..... c 11 N73-12265 *
US-PATENT-CLASS-219-522 ..... c 52 N80-16725 *
US-PATENT-CLASS-219-522 ..... c 27 N84-33589 *
US-PATENT-CLASS-219-530 ..... c 33 N71-25353 *
US-PATENT-CLASS-219-539 ..... c 33 N74-14935 *
US-PATENT-CLASS-219-541 ..... c 27 N84-33589 *
US-PATENT-CLASS-219-543 ..... c 27 N84-33589 *
US-PATENT-CLASS-219-545 ..... c 33 N82-26571 *
US-PATENT-CLASS-219-62 ..... c 15 N73-28515 *
US-PATENT-CLASS-219-69.11 .... c 27 N91-25296 *
US-PATENT-CLASS-219-69.12 .... c 37 N91-32508 *
US-PATENT-CLASS-219-69.17 .... c 35 N92-22038 *
US-PATENT-CLASS-219-72 ..... c 15 N71-14932 *
US-PATENT-CLASS-219-72 ..... c 37 N90-19602 *
US-PATENT-CLASS-219-72 ..... c 33 N92-33030 *
US-PATENT-CLASS-219-74 ..... c 74 N87-25843 *
US-PATENT-CLASS-219-74 ..... c 37 N90-19602 *
US-PATENT-CLASS-219-75 ..... c 37 N88-23980 *
US-PATENT-CLASS-219-75 ..... c 31 N90-23586 *
US-PATENT-CLASS-219-75 ..... c 31 N90-26168 *
US-PATENT-CLASS-219-75 ..... c 75 N91-25875 *
US-PATENT-CLASS-219-75 ..... c 33 N92-33030 *
US-PATENT-CLASS-219-76.14 .... c 24 N85-30027 *
US-PATENT-CLASS-219-76.16 .... c 75 N91-25875 *
US-PATENT-CLASS-219-78 ..... c 37 N74-11300 *
US-PATENT-CLASS-219-85.15 .... c 26 N92-29094 *
US-PATENT-CLASS-219-85.19 .... c 26 N92-29094 *
US-PATENT-CLASS-219-85CA .... c 35 N80-20560 *
US-PATENT-CLASS-219-85CM ... c 35 N80-20560 *
US-PATENT-CLASS-219-85R ..... c 35 N80-20560 *
US-PATENT-CLASS-219-85 ..... c 15 N72-22491 *
US-PATENT-CLASS-219-85 ..... c 15 N72-23497 *
US-PATENT-CLASS-219-91 ..... c 15 N71-18613 *
US-PATENT-CLASS-219-91 ..... c 15 N73-32358 *
US-PATENT-CLASS-219-92 ..... c 37 N76-27568 *
US-PATENT-CLASS-219-92 ..... c 37 N77-11397 *
US-PATENT-CLASS-22-200 ..... c 15 N71-15966 *
US-PATENT-CLASS-22-203 ..... c 17 N70-38198 *
US-PATENT-CLASS-220-14 ..... c 15 N69-39935 * #
US-PATENT-CLASS-220-15 ..... c 31 N71-15664 *
US-PATENT-CLASS-220-15 ..... c 34 N75-12222 *
US-PATENT-CLASS-220-1 ..... c 31 N71-17680 *
US-PATENT-CLASS-220-2.2 ..... c 24 N79-25143 *
US-PATENT-CLASS-220-266 ..... c 37 N79-22474 *
US-PATENT-CLASS-220-306 ..... c 27 N84-27886 *
US-PATENT-CLASS-220-335 ..... c 45 N83-25217 *
US-PATENT-CLASS-220-378 ..... c 37 N82-24490 *
US-PATENT-CLASS-220-423 ..... c 37 N80-18393 *
US-PATENT-CLASS-220-429 ..... c 44 N80-20808 *
US-PATENT-CLASS-220-445 ..... c 37 N80-18393 *
US-PATENT-CLASS-220-46 ..... c 15 N71-27068 *
US-PATENT-CLASS-220-5A ..... c 31 N89-29578 *
US-PATENT-CLASS-220-5R ..... c 15 N72-22486 *
US-PATENT-CLASS-220-55 ..... c 15 N69-27502 * #
US-PATENT-CLASS-220-63 ..... c 11 N70-38182 *
US-PATENT-CLASS-220-67 ..... c 15 N71-10577 *
US-PATENT-CLASS-220-82R ..... c 31 N81-19343 *
US-PATENT-CLASS-220-89A ..... c 31 N81-19343 *
US-PATENT-CLASS-220-89 ..... c 11 N71-15960 *
US-PATENT-CLASS-220-89 ..... c 11 N71-17600 *
US-PATENT-CLASS-220-901 ..... c 37 N80-18393 *
US-PATENT-CLASS-220-901 ..... c 31 N89-29578 *
US-PATENT-CLASS-220-908 ..... c 31 N92-33612 *
US-PATENT-CLASS-220-9 ..... c 23 N71-22881 *
US-PATENT-CLASS-220-9 ..... c 18 N71-23658 *
US-PATENT-CLASS-220-9 ..... c 15 N71-23816 *
US-PATENT-CLASS-220-9 ..... c 33 N71-25351 *
US-PATENT-CLASS-221-265 ..... c 51 N74-15778 *
US-PATENT-CLASS-222-131 ..... c 31 N79-21225 *
US-PATENT-CLASS-222-135 ..... c 15 N72-21465 *
US-PATENT-CLASS-222-137 ..... c 14 N71-27005 *
US-PATENT-CLASS-222-145 ..... c 37 N76-19436 *
US-PATENT-CLASS-222-187 ..... c 31 N90-23587 *
US-PATENT-CLASS-222-193 ..... c 37 N74-13178 *
US-PATENT-CLASS-222-309 ..... c 15 N72-21465 *
US-PATENT-CLASS-222-309 ..... c 54 N74-12779 *
US-PATENT-CLASS-222-309 ..... c 35 N85-21595 *
US-PATENT-CLASS-222-324 ..... c 54 N74-17853 *
US-PATENT-CLASS-222-340 ..... c 54 N74-12779 *
US-PATENT-CLASS-222-340 ..... c 35 N85-21595 *
US-PATENT-CLASS-222-387 ..... c 54 N74-12779 *
US-PATENT-CLASS-222-389 ..... c 15 N70-38996 *
US-PATENT-CLASS-222-414 ..... c 14 N73-27378 *
US-PATENT-CLASS-222-43 ..... c 35 N85-21595 *
US-PATENT-CLASS-222-45 ..... c 14 N70-40233 *
US-PATENT-CLASS-222-48 ..... c 35 N85-21595 *
US-PATENT-CLASS-222-49 ..... c 14 N71-27005 *
US-PATENT-CLASS-222-514 ..... c 54 N74-12779 *
US-PATENT-CLASS-222-61 ..... c 27 N71-29155 *
US-PATENT-CLASS-222-61 ..... c 37 N77-28487 *
US-PATENT-CLASS-222-71 ..... c 15 N72-21465 *
US-PATENT-CLASS-222-95 ..... c 37 N77-28487 *
US-PATENT-CLASS-224-25A ..... c 05 N72-23085 *
US-PATENT-CLASS-224-25 ..... c 05 N71-12351 *
US-PATENT-CLASS-224-444 ..... c 54 N74-17853 *
US-PATENT-CLASS-225-103 ..... c 37 N82-32730 *
US-PATENT-CLASS-225-1 ..... c 15 N71-17628 *
US-PATENT-CLASS-225-2 ..... c 26 N71-14354 *
US-PATENT-CLASS-226-190 ..... c 08 N71-19420 *
US-PATENT-CLASS-226-58 ..... c 14 N71-28935 *
US-PATENT-CLASS-227-27 ..... c 37 N86-25790 *
US-PATENT-CLASS-227-28 ..... c 37 N86-25790 *
US-PATENT-CLASS-228-103 ..... c 35 N83-35338 *
US-PATENT-CLASS-228-107 ..... c 37 N79-13364 *
US-PATENT-CLASS-228-107 ..... c 37 N88-14359 *
US-PATENT-CLASS-228-107 ..... c 31 N91-31476 *
US-PATENT-CLASS-228-107 ..... c 31 N92-16162 *
US-PATENT-CLASS-228-109 ..... c 37 N88-14359 *
US-PATENT-CLASS-228-116 ..... c 37 N81-19455 *
US-PATENT-CLASS-228-118 ..... c 24 N81-17170 *
US-PATENT-CLASS-228-118 ..... c 24 N81-26179 *
US-PATENT-CLASS-228-119 ..... c 37 N86-32736 * #
US-PATENT-CLASS-228-124 ..... c 26 N77-29260 *
US-PATENT-CLASS-228-124 ..... c 37 N87-21334 *
US-PATENT-CLASS-228-13 ..... c 18 N79-11108 *
US-PATENT-CLASS-228-15.1 ..... c 18 N79-11108 *
US-PATENT-CLASS-228-157 ..... c 24 N82-24296 *
US-PATENT-CLASS-228-157 ..... c 24 N84-11214 *
US-PATENT-CLASS-228-165 ..... c 35 N84-22930 *
US-PATENT-CLASS-228-170 ..... c 24 N81-17170 *
US-PATENT-CLASS-228-173 ..... c 18 N79-11108 *
US-PATENT-CLASS-228-174 ..... c 24 N81-17170 *
US-PATENT-CLASS-228-181 ..... c 24 N84-11214 *
US-PATENT-CLASS-228-190 ..... c 24 N75-28135 *
US-PATENT-CLASS-228-190 ..... c 26 N77-28265 *
US-PATENT-CLASS-228-190 ..... c 24 N81-17170 *
US-PATENT-CLASS-228-190 ..... c 24 N81-26179 *
US-PATENT-CLASS-228-193 ..... c 24 N75-28135 *
US-PATENT-CLASS-228-193 ..... c 37 N76-18455 *
US-PATENT-CLASS-228-193 ..... c 35 N83-35338 *
US-PATENT-CLASS-228-194 ..... c 26 N77-28265 *
US-PATENT-CLASS-228-1 ..... c 37 N75-25185 *
US-PATENT-CLASS-228-2.5 ..... c 37 N79-13364 *
US-PATENT-CLASS-228-2.5 ..... c 37 N88-14359 *
US-PATENT-CLASS-228-2.5 ..... c 31 N91-31476 *
US-PATENT-CLASS-228-2.5 ..... c 31 N92-16162 *
US-PATENT-CLASS-228-205 ..... c 37 N81-19455 *
US-PATENT-CLASS-228-206 ..... c 37 N76-18455 *
US-PATENT-CLASS-228-208 ..... c 37 N87-21334 *
US-PATENT-CLASS-228-209 ..... c 37 N87-21334 *
US-PATENT-CLASS-228-212 ..... c 37 N80-23655 *
US-PATENT-CLASS-228-212 ..... c 24 N84-11214 *
US-PATENT-CLASS-228-214 ..... c 37 N76-18455 *
US-PATENT-CLASS-228-222 ..... c 37 N80-23655 *
US-PATENT-CLASS-228-232 ..... c 26 N77-28265 *
US-PATENT-CLASS-228-238 ..... c 37 N76-18455 *
US-PATENT-CLASS-228-263.18 .. c 35 N83-35338 *
US-PATENT-CLASS-228-263 ..... c 26 N77-29260 *
US-PATENT-CLASS-228-44.1R ... c 37 N80-23655 *
US-PATENT-CLASS-228-5.1 ..... c 44 N79-24431 *
US-PATENT-CLASS-228-50 ..... c 15 N70-39924 *
US-PATENT-CLASS-228-50 ..... c 15 N70-40204 *
US-PATENT-CLASS-228-53 ..... c 15 N71-27214 *
US-PATENT-CLASS-228-57 ..... c 15 N72-22491 *
US-PATENT-CLASS-228-6 ..... c 44 N79-24431 *
US-PATENT-CLASS-228-7 ..... c 15 N71-15607 *
US-PATENT-CLASS-228-8 ..... c 15 N71-23050 *
US-PATENT-CLASS-228-8 ..... c 37 N79-10421 *
US-PATENT-CLASS-228-9 ..... c 15 N71-20393 *
US-PATENT-CLASS-229-DIG.11 . c 32 N73-13921 *
US-PATENT-CLASS-23-109 ..... c 04 N72-33072 *
US-PATENT-CLASS-23-201 ..... c 06 N72-17095 *
US-PATENT-CLASS-23-208 ..... c 15 N69-21922 * #
US-PATENT-CLASS-23-208 ..... c 26 N70-36805 *
US-PATENT-CLASS-23-209.1 ..... c 15 N72-20446 *
US-PATENT-CLASS-23-230B ..... c 25 N75-14844 *
US-PATENT-CLASS-23-230B ..... c 23 N77-17161 *
US-PATENT-CLASS-23-230B ..... c 25 N79-14169 *
US-PATENT-CLASS-23-230B ..... c 51 N80-27067 *
US-PATENT-CLASS-23-230L ..... c 35 N74-32879 *
US-PATENT-CLASS-23-230M ..... c 25 N76-18245 *
US-PATENT-CLASS-23-230M ..... c 23 N77-17161 *
US-PATENT-CLASS-23-230PC .... c 25 N78-15210 *
US-PATENT-CLASS-23-230PC .... c 25 N82-12166 *
US-PATENT-CLASS-23-230R ..... c 06 N72-17094 *
US-PATENT-CLASS-23-230R ..... c 17 N73-12547 *
US-PATENT-CLASS-23-230R ..... c 17 N73-27446 *
US-PATENT-CLASS-23-230R ..... c 25 N76-18245 *
US-PATENT-CLASS-23-230R ..... c 45 N76-31714 *
US-PATENT-CLASS-23-230R ..... c 23 N77-17161 *
US-PATENT-CLASS-23-230 ..... c 06 N71-23527 *
US-PATENT-CLASS-23-230 ..... c 06 N72-17095 *
US-PATENT-CLASS-23-231 ..... c 23 N77-17161 *
US-PATENT-CLASS-23-232C ..... c 06 N72-17094 *
US-PATENT-CLASS-23-232C ..... c 25 N76-18245 *
US-PATENT-CLASS-23-232C ..... c 23 N77-17161 *
US-PATENT-CLASS-23-232E ..... c 06 N73-16106 *
US-PATENT-CLASS-23-232E ..... c 45 N76-31714 *
US-PATENT-CLASS-23-232E ..... c 25 N78-15210 *
US-PATENT-CLASS-23-232E ..... c 25 N82-12166 *
US-PATENT-CLASS-23-232R ..... c 06 N73-16106 *
US-PATENT-CLASS-23-232R ..... c 45 N76-31714 *
US-PATENT-CLASS-23-232R ..... c 23 N77-17161 *

US-PATENT-CLASS-23-232R ..... c 25 N78-15210 *
US-PATENT-CLASS-23-252R ..... c 25 N74-12813 *
US-PATENT-CLASS-23-252R ..... c 25 N79-10162 *
US-PATENT-CLASS-23-252R ..... c 25 N79-28253 *
US-PATENT-CLASS-23-253A ..... c 51 N77-27677 *
US-PATENT-CLASS-23-253A ..... c 54 N78-14784 *
US-PATENT-CLASS-23-253PC .... c 06 N72-17094 *
US-PATENT-CLASS-23-253PC .... c 37 N74-18123 *
US-PATENT-CLASS-23-253R ..... c 15 N72-21465 *
US-PATENT-CLASS-23-253R ..... c 25 N75-14844 *
US-PATENT-CLASS-23-253R ..... c 25 N76-18245 *
US-PATENT-CLASS-23-253 ..... c 23 N71-16355 *
US-PATENT-CLASS-23-253 ..... c 06 N71-26754 *
US-PATENT-CLASS-23-253 ..... c 06 N72-17095 *
US-PATENT-CLASS-23-254EF .... c 35 N76-18403 *
US-PATENT-CLASS-23-254E ..... c 06 N73-16106 *
US-PATENT-CLASS-23-254E ..... c 33 N75-26245 *
US-PATENT-CLASS-23-254E ..... c 35 N75-29380 *
US-PATENT-CLASS-23-254E ..... c 45 N76-21742 *
US-PATENT-CLASS-23-254R ..... c 06 N73-16106 *
US-PATENT-CLASS-23-254R ..... c 25 N76-18245 *
US-PATENT-CLASS-23-254R ..... c 23 N77-17161 *
US-PATENT-CLASS-23-254 ..... c 14 N71-20442 *
US-PATENT-CLASS-23-255E ..... c 35 N75-29380 *
US-PATENT-CLASS-23-255R ..... c 25 N76-18245 *
US-PATENT-CLASS-23-259 ..... c 15 N71-27372 *
US-PATENT-CLASS-23-259 ..... c 15 N72-21465 *
US-PATENT-CLASS-23-259 ..... c 37 N74-18123 *
US-PATENT-CLASS-23-259 ..... c 51 N77-27677 *
US-PATENT-CLASS-23-277C ..... c 25 N74-33378 *
US-PATENT-CLASS-23-277R ..... c 44 N77-22607 *
US-PATENT-CLASS-23-277 ..... c 26 N70-40015 *
US-PATENT-CLASS-23-281 ..... c 28 N72-18766 *
US-PATENT-CLASS-23-281 ..... c 25 N74-12813 *
US-PATENT-CLASS-23-281 ..... c 44 N76-18642 *
US-PATENT-CLASS-23-281 ..... c 44 N76-29700 *
US-PATENT-CLASS-23-281 ..... c 44 N77-10636 *
US-PATENT-CLASS-23-281 ..... c 44 N77-22607 *
US-PATENT-CLASS-23-284 ..... c 35 N74-15127 *
US-PATENT-CLASS-23-288F ..... c 25 N74-12813 *
US-PATENT-CLASS-23-288J ..... c 25 N74-12813 *
US-PATENT-CLASS-23-288R ..... c 28 N80-10374 *
US-PATENT-CLASS-23-288 ..... c 28 N72-18766 *
US-PATENT-CLASS-23-292 ..... c 51 N77-27677 *
US-PATENT-CLASS-23-293R ..... c 28 N81-15119 *
US-PATENT-CLASS-23-295R ..... c 76 N85-29800 *
US-PATENT-CLASS-23-300 ..... c 28 N80-23471 *
US-PATENT-CLASS-23-302A ..... c 28 N80-23471 *
US-PATENT-CLASS-23-302R ..... c 28 N80-23471 *
US-PATENT-CLASS-23-302T ..... c 28 N80-23471 *
US-PATENT-CLASS-23-313R ..... c 71 N85-22104 *
US-PATENT-CLASS-23-55 ..... c 06 N72-17093 *
US-PATENT-CLASS-23-88 ..... c 06 N72-17093 *
US-PATENT-CLASS-23-927 ..... c 51 N80-16714 *
US-PATENT-CLASS-23-97 ..... c 06 N72-17093 *
US-PATENT-CLASS-230-162 ..... c 33 N71-17610 *
US-PATENT-CLASS-230-221 ..... c 11 N72-22245 *
US-PATENT-CLASS-230-54 ..... c 11 N72-22245 *
US-PATENT-CLASS-233-DIG.1 .... c 34 N75-26282 *
US-PATENT-CLASS-233-11 ..... c 15 N71-16079 *
US-PATENT-CLASS-233-20RP .... c 34 N75-26282 *
US-PATENT-CLASS-233-25 ..... c 34 N75-26282 *
US-PATENT-CLASS-233-46 ..... c 34 N75-26282 *
US-PATENT-CLASS-233-6 ..... c 34 N75-26282 *
US-PATENT-CLASS-235.150.27 .. c 04 N74-13420 *
US-PATENT-CLASS-235-10.2 ..... c 08 N73-25206 *
US-PATENT-CLASS-235-150.1 .... c 08 N71-29033 *
US-PATENT-CLASS-235-150.1 .... c 08 N72-31226 *
US-PATENT-CLASS-235-150.1 .... c 32 N77-10392 *
US-PATENT-CLASS-235-150.22 .. c 02 N71-13421 *
US-PATENT-CLASS-235-150.22 .. c 04 N74-13420 *
US-PATENT-CLASS-235-150.25 .. c 21 N71-21688 *
US-PATENT-CLASS-235-150.25 .. c 35 N77-20399 *
US-PATENT-CLASS-235-150.26 .. c 04 N74-13420 *
US-PATENT-CLASS-235-150.27 .. c 08 N71-29033 *
US-PATENT-CLASS-235-150.2 .... c 08 N71-29033 *
US-PATENT-CLASS-235-150.2 .... c 35 N77-20399 *
US-PATENT-CLASS-235-150.3 .... c 33 N74-10223 *
US-PATENT-CLASS-235-150.52 .. c 08 N72-22165 *
US-PATENT-CLASS-235-150.53 .. c 08 N72-22165 *
US-PATENT-CLASS-235-150.53 .. c 07 N73-13149 *
US-PATENT-CLASS-235-150.53 .. c 33 N75-26243 *
US-PATENT-CLASS-235-151.13 .. c 25 N76-18245 *
US-PATENT-CLASS-235-151.1 .... c 08 N71-29033 *
US-PATENT-CLASS-235-151.1 .... c 08 N72-31226 *
US-PATENT-CLASS-235-151.27 .. c 08 N73-25206 *
US-PATENT-CLASS-235-151.31 .. c 10 N73-25240 *
US-PATENT-CLASS-235-151.34 .. c 35 N76-14431 *
US-PATENT-CLASS-235-151.3 .... c 52 N74-22771 *
US-PATENT-CLASS-235-151.3 .... c 38 N78-17395 *
US-PATENT-CLASS-235-151.3 .... c 38 N78-17396 *
US-PATENT-CLASS-235-151 ..... c 37 N74-21056 *
US-PATENT-CLASS-235-152IE ... c 08 N73-32081 *
US-PATENT-CLASS-235-152 ..... c 07 N71-24741 *
US-PATENT-CLASS-235-152 ..... c 08 N72-20176 *
US-PATENT-CLASS-235-152 ..... c 08 N72-22167 *
US-PATENT-CLASS-235-152 ..... c 08 N72-25210 *
US-PATENT-CLASS-235-152 ..... c 08 N73-12175 *
US-PATENT-CLASS-235-152 ..... c 09 N73-13209 *
US-PATENT-CLASS-235-152 ..... c 08 N73-26175 *
US-PATENT-CLASS-235-152 ..... c 60 N77-14751 *
US-PATENT-CLASS-235-153AE .. c 60 N76-21914 *
US-PATENT-CLASS-235-153AK .. c 62 N74-14920 *
US-PATENT-CLASS-235-153 ..... c 08 N71-24633 *
US-PATENT-CLASS-235-153 ..... c 08 N72-22166 *
US-PATENT-CLASS-235-154 ..... c 08 N70-34778 *
US-PATENT-CLASS-235-154 ..... c 10 N71-23662 *
US-PATENT-CLASS-235-154 ..... c 08 N72-18184 *
US-PATENT-CLASS-235-154 ..... c 08 N72-25206 *
US-PATENT-CLASS-235-155 ..... c 08 N71-24890 *
US-PATENT-CLASS-235-155 ..... c 08 N72-21197 *
US-PATENT-CLASS-235-155 ..... c 08 N73-12176 *
US-PATENT-CLASS-235-156 ..... c 08 N71-18693 *
US-PATENT-CLASS-235-156 ..... c 60 N75-13539 *
US-PATENT-CLASS-235-156 ..... c 32 N76-21366 *
US-PATENT-CLASS-235-156 ..... c 32 N77-10392 *
US-PATENT-CLASS-235-156 ..... c 38 N78-17395 *
US-PATENT-CLASS-235-156 ..... c 38 N78-17396 *
US-PATENT-CLASS-235-158 ..... c 08 N71-19437 *
US-PATENT-CLASS-235-164 ..... c 08 N71-33110 *
US-PATENT-CLASS-235-164 ..... c 08 N73-26175 *
US-PATENT-CLASS-235-164 ..... c 60 N74-20836 *
US-PATENT-CLASS-235-175 ..... c 08 N71-18602 *
US-PATENT-CLASS-235-175 ..... c 08 N71-33110 *
US-PATENT-CLASS-235-176 ..... c 08 N70-34787 *
US-PATENT-CLASS-235-181 ..... c 07 N71-21476 *
US-PATENT-CLASS-235-181 ..... c 07 N73-13149 *
US-PATENT-CLASS-235-181 ..... c 35 N75-21582 *
US-PATENT-CLASS-235-181 ..... c 33 N75-26243 *
US-PATENT-CLASS-235-181 ..... c 43 N77-10584 *
US-PATENT-CLASS-235-181 ..... c 38 N78-17395 *
US-PATENT-CLASS-235-183 ..... c 08 N72-22165 *
US-PATENT-CLASS-235-184 ..... c 74 N76-18913 *
US-PATENT-CLASS-235-186 ..... c 10 N73-26230 *
US-PATENT-CLASS-235-194 ..... c 09 N71-19480 *
US-PATENT-CLASS-235-194 ..... c 08 N72-22165 *
US-PATENT-CLASS-235-194 ..... c 10 N73-26230 *
US-PATENT-CLASS-235-197 ..... c 08 N72-22165 *
US-PATENT-CLASS-235-197 ..... c 09 N72-23173 *
US-PATENT-CLASS-235-197 ..... c 10 N73-20253 *
US-PATENT-CLASS-235-197 ..... c 10 N73-26230 *
US-PATENT-CLASS-235-197 ..... c 60 N75-13539 *
US-PATENT-CLASS-235-201 ..... c 10 N71-25899 *
US-PATENT-CLASS-235-61.6 ..... c 01 N71-13411 *
US-PATENT-CLASS-235-61.6 ..... c 15 N71-21179 *
US-PATENT-CLASS-235-61NV .... c 08 N72-11172 *
US-PATENT-CLASS-235-61NV .... c 35 N76-29552 *
US-PATENT-CLASS-235-70 ..... c 04 N78-17031 *
US-PATENT-CLASS-235-78M ..... c 35 N76-29552 *
US-PATENT-CLASS-235-88M ..... c 35 N76-29552 *
US-PATENT-CLASS-235-92CA .... c 33 N74-10223 *
US-PATENT-CLASS-235-92CA .... c 38 N77-17495 *
US-PATENT-CLASS-235-92CC .... c 08 N72-20176 *
US-PATENT-CLASS-235-92CT .... c 38 N77-17495 *
US-PATENT-CLASS-235-92CV .... c 08 N73-25206 *
US-PATENT-CLASS-235-92DE .... c 08 N72-20176 *
US-PATENT-CLASS-235-92DM ... c 08 N72-20176 *
US-PATENT-CLASS-235-92DM ... c 33 N74-10223 *
US-PATENT-CLASS-235-92DM ... c 33 N75-19519 *
US-PATENT-CLASS-235-92DN .... c 08 N73-25206 *
US-PATENT-CLASS-235-92DN .... c 38 N77-17495 *
US-PATENT-CLASS-235-92EA .... c 08 N73-25206 *
US-PATENT-CLASS-235-92EV .... c 08 N73-25206 *
US-PATENT-CLASS-235-92FQ .... c 08 N73-20217 *
US-PATENT-CLASS-235-92LG .... c 08 N72-20176 *
US-PATENT-CLASS-235-92LG .... c 33 N75-19519 *
US-PATENT-CLASS-235-92MT .... c 08 N72-31226 *
US-PATENT-CLASS-235-92MT .... c 32 N73-26910 *
US-PATENT-CLASS-235-92PC .... c 35 N82-11431 *
US-PATENT-CLASS-235-92PE .... c 37 N74-21056 *
US-PATENT-CLASS-235-92R ..... c 08 N72-20176 *
US-PATENT-CLASS-235-92R ..... c 08 N73-20217 *
US-PATENT-CLASS-235-92R ..... c 08 N73-25206 *
US-PATENT-CLASS-235-92R ..... c 33 N75-19519 *
US-PATENT-CLASS-235-92R ..... c 38 N77-17495 *
US-PATENT-CLASS-235-92SB .... c 37 N74-21056 *
US-PATENT-CLASS-235-92SH .... c 33 N76-14373 *
US-PATENT-CLASS-235-92T ..... c 03 N72-25020 *
US-PATENT-CLASS-235-92T ..... c 08 N73-20217 *
US-PATENT-CLASS-235-92T ..... c 33 N75-19519 *
US-PATENT-CLASS-235-92VA .... c 33 N75-19519 *
US-PATENT-CLASS-235-92 ..... c 08 N71-22897 *
US-PATENT-CLASS-235-92 ..... c 08 N71-24891 *
US-PATENT-CLASS-235-92 ..... c 10 N71-27137 *
US-PATENT-CLASS-235-92 ..... c 14 N71-27215 *
US-PATENT-CLASS-236-1F ..... c 35 N81-26431 *
US-PATENT-CLASS-236-13 ..... c 31 N80-32583 *
US-PATENT-CLASS-236-15-E .... c 25 N88-29002 *
US-PATENT-CLASS-236-1 ..... c 33 N71-16357 *
US-PATENT-CLASS-236-44A ..... c 35 N91-21496 *
US-PATENT-CLASS-236-44C ..... c 31 N80-32583 *
US-PATENT-CLASS-236-49 ..... c 31 N74-27902 *
US-PATENT-CLASS-236-49 ..... c 31 N80-32583 *
US-PATENT-CLASS-236-68 ..... c 15 N72-12409 *
US-PATENT-CLASS-236-94 ..... c 35 N91-21496 *
US-PATENT-CLASS-237-1A ..... c 44 N76-14602 *
US-PATENT-CLASS-237-1A ..... c 44 N78-10554 *
US-PATENT-CLASS-237-1A ..... c 44 N78-15560 *
US-PATENT-CLASS-237-1A ..... c 44 N78-17460 *
US-PATENT-CLASS-237-1A ..... c 44 N78-31525 *
US-PATENT-CLASS-237-1A ..... c 44 N79-24433 *
US-PATENT-CLASS-237-60 ..... c 34 N76-17317 *
US-PATENT-CLASS-238-134 ..... c 85 N74-34672 *
US-PATENT-CLASS-238-1 ..... c 05 N71-28619 *
US-PATENT-CLASS-239-DIG.23 . c 37 N85-29283 *
US-PATENT-CLASS-239-102 ..... c 37 N80-10494 *
US-PATENT-CLASS-239-127.1 .... c 28 N71-23968 *
US-PATENT-CLASS-239-127.1 .... c 28 N73-32606 *
US-PATENT-CLASS-239-127.1 .... c 34 N79-13288 *
US-PATENT-CLASS-239-127.1 .... c 34 N79-13289 *
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US-PATENT-CLASS-239-127.1 .... c 44 N81-24519 *
US-PATENT-CLASS-239-127.1 .... c 37 N92-16318 *
US-PATENT-CLASS-239-127.3 .... c 20 N76-14191 *
US-PATENT-CLASS-239-127.3 .... c 07 N80-32392 *
US-PATENT-CLASS-239-127.3 .... c 37 N92-16318 *
US-PATENT-CLASS-239-132.5 .... c 20 N87-14420 *
US-PATENT-CLASS-239-14.1 ..... c 09 N89-25242 *
US-PATENT-CLASS-239-145 ..... c 31 N90-23587 *
US-PATENT-CLASS-239-171 ..... c 37 N77-13418 *
US-PATENT-CLASS-239-2.1 ..... c 09 N89-25242 *
US-PATENT-CLASS-239-265.11 .. c 18 N71-21068 *
US-PATENT-CLASS-239-265.11 .. c 07 N74-33218 *
US-PATENT-CLASS-239-265.11 .. c 07 N76-18117 *
US-PATENT-CLASS-239-265.11 .. c 37 N90-23751 *
US-PATENT-CLASS-239-265.11 .. c 37 N91-27560 *
US-PATENT-CLASS-239-265.11 .. c 37 N92-22043 *
US-PATENT-CLASS-239-265.15 .. c 37 N79-22474 *
US-PATENT-CLASS-239-265.17 .. c 07 N74-27490 *
US-PATENT-CLASS-239-265.17 .. c 07 N83-33884 *
US-PATENT-CLASS-239-265.17 .. c 71 N84-14873 *
US-PATENT-CLASS-239-265.17 .. c 20 N89-25279 *
US-PATENT-CLASS-239-265.19 .. c 28 N71-21493 *
US-PATENT-CLASS-239-265.19 .. c 28 N72-11708 *
US-PATENT-CLASS-239-265.25 .. c 07 N78-27121 *
US-PATENT-CLASS-239-265.25 .. c 09 N78-31129 *
US-PATENT-CLASS-239-265.33 .. c 07 N78-27121 *
US-PATENT-CLASS-239-265.33 .. c 07 N80-32392 *
US-PATENT-CLASS-239-265.39 .. c 07 N79-14097 *
US-PATENT-CLASS-239-265.43 .. c 28 N71-16224 *
US-PATENT-CLASS-239-265.43 .. c 28 N72-11708 *
US-PATENT-CLASS-239-288 ..... c 37 N79-22474 *
US-PATENT-CLASS-239-288 ..... c 37 N85-29283 *
US-PATENT-CLASS-239-302 ..... c 37 N80-10494 *
US-PATENT-CLASS-239-322 ..... c 37 N85-29283 *
US-PATENT-CLASS-239-327 ..... c 37 N85-29283 *
US-PATENT-CLASS-239-375 ..... c 37 N85-29283 *
US-PATENT-CLASS-239-402.5 .... c 07 N85-35195 *
US-PATENT-CLASS-239-403 ..... c 20 N87-14420 *
US-PATENT-CLASS-239-416 ..... c 15 N69-23185 * #
US-PATENT-CLASS-239-416 ..... c 15 N71-17654 *
US-PATENT-CLASS-239-418 ..... c 28 N72-23809 *
US-PATENT-CLASS-239-424 ..... c 15 N72-25455 *
US-PATENT-CLASS-239-425 ..... c 20 N87-14420 *
US-PATENT-CLASS-239-426 ..... c 34 N84-12406 *
US-PATENT-CLASS-239-426 ..... c 34 N87-21255 *
US-PATENT-CLASS-239-433 ..... c 28 N72-23809 *
US-PATENT-CLASS-239-433 ..... c 37 N87-24689 *
US-PATENT-CLASS-239-434 ..... c 34 N87-21255 *
US-PATENT-CLASS-239-499 ..... c 34 N82-13376 *
US-PATENT-CLASS-239-533.13 .. c 34 N92-21724 *
US-PATENT-CLASS-239-543 ..... c 28 N72-23809 *
US-PATENT-CLASS-239-543 ..... c 31 N90-20254 *
US-PATENT-CLASS-239-543 ..... c 34 N92-21724 *
US-PATENT-CLASS-239-545 ..... c 34 N87-21255 *
US-PATENT-CLASS-239-546 ..... c 34 N92-21724 *
US-PATENT-CLASS-239-552 ..... c 34 N92-21724 *
US-PATENT-CLASS-239-562 ..... c 43 N81-26509 *
US-PATENT-CLASS-239-568 ..... c 37 N84-16561 *
US-PATENT-CLASS-239-589 ..... c 34 N82-13376 *
US-PATENT-CLASS-239-590 ..... c 37 N85-29283 *
US-PATENT-CLASS-239-591 ..... c 43 N81-26509 *
US-PATENT-CLASS-239-596 ..... c 37 N87-24689 *
US-PATENT-CLASS-239-597 ..... c 31 N91-15424 *
US-PATENT-CLASS-239-600 ..... c 37 N87-24689 *
US-PATENT-CLASS-239-601 ..... c 34 N82-13376 *
US-PATENT-CLASS-239-601 ..... c 31 N91-15424 *
US-PATENT-CLASS-239-602 ..... c 34 N92-21724 *
US-PATENT-CLASS-239-690 ..... c 28 N82-18401 *
US-PATENT-CLASS-24-126 ..... c 15 N71-22994 *
US-PATENT-CLASS-24-134R ..... c 15 N73-25512 *
US-PATENT-CLASS-24-205.17 .... c 15 N71-25975 *
US-PATENT-CLASS-24-211N ..... c 15 N72-11385 *
US-PATENT-CLASS-24-211 ..... c 15 N71-17653 *
US-PATENT-CLASS-24-214 ..... c 31 N83-31895 *
US-PATENT-CLASS-24-263 ..... c 15 N71-21076 *
US-PATENT-CLASS-24-263 ..... c 15 N71-26162 *
US-PATENT-CLASS-24-304 ..... c 27 N85-20125 *

US-PATENT-CLASS-24-447 ..... c 27 N85-20125 *
US-PATENT-CLASS-24-450 ..... c 27 N85-20125 *
US-PATENT-CLASS-24-560 ..... c 52 N84-28388 *
US-PATENT-CLASS-24-635 ..... c 37 N90-17154 *
US-PATENT-CLASS-24-68B ..... c 54 N89-29953 *
US-PATENT-CLASS-24-693 ..... c 27 N85-20125 *
US-PATENT-CLASS-240-1.2 ..... c 11 N70-33329 *
US-PATENT-CLASS-240-11.2 ..... c 09 N71-26787 *
US-PATENT-CLASS-240-11.4 ..... c 09 N71-26787 *
US-PATENT-CLASS-240-41.35R . c 74 N77-21941 *
US-PATENT-CLASS-240-41B ..... c 36 N75-27364 *
US-PATENT-CLASS-240-41R ..... c 74 N77-21941 *
US-PATENT-CLASS-240-46.13 .... c 74 N77-21941 *
US-PATENT-CLASS-240-47 ..... c 34 N74-23066 *
US-PATENT-CLASS-240-51.11 .... c 09 N71-26787 *
US-PATENT-CLASS-241-95 ..... c 37 N84-16561 *
US-PATENT-CLASS-242-107 ..... c 33 N86-20669 *
US-PATENT-CLASS-242-128 ..... c 15 N82-24272 *
US-PATENT-CLASS-242-187 ..... c 37 N77-14479 *
US-PATENT-CLASS-242-192 ..... c 14 N71-23698 *
US-PATENT-CLASS-242-193 ..... c 37 N77-14479 *
US-PATENT-CLASS-242-204 ..... c 37 N77-14479 *
US-PATENT-CLASS-242-210 ..... c 37 N77-14479 *
US-PATENT-CLASS-242-54-R ..... c 33 N86-20669 *
US-PATENT-CLASS-242-54 ..... c 15 N72-18477 *
US-PATENT-CLASS-242-55.19 .... c 14 N70-41647 *
US-PATENT-CLASS-242-55.19 .... c 07 N71-10609 *
US-PATENT-CLASS-242-57 ..... c 37 N77-14479 *
US-PATENT-CLASS-244.12.2 ..... c 05 N82-26277 *
US-PATENT-CLASS-244-ISS ..... c 03 N72-20031 *
US-PATENT-CLASS-244-1.55 ..... c 03 N73-20040 *
US-PATENT-CLASS-244-1-R ..... c 06 N87-22678 *
US-PATENT-CLASS-244-1A ..... c 33 N77-10429 *
US-PATENT-CLASS-244-1R ..... c 34 N79-31523 *
US-PATENT-CLASS-244-1R ..... c 35 N90-22769 *
US-PATENT-CLASS-244-1SA ..... c 21 N72-21624 *
US-PATENT-CLASS-244-1SA ..... c 21 N72-25595 *
US-PATENT-CLASS-244-1SA ..... c 03 N73-20039 *
US-PATENT-CLASS-244-1SA ..... c 15 N73-25513 *
US-PATENT-CLASS-244-1SA ..... c 21 N73-30640 *
US-PATENT-CLASS-244-1SA ..... c 19 N74-15089 *
US-PATENT-CLASS-244-1SA ..... c 35 N74-28097 *
US-PATENT-CLASS-244-1SB ..... c 15 N73-12486 *
US-PATENT-CLASS-244-1SC ..... c 31 N73-32750 *
US-PATENT-CLASS-244-1SC ..... c 34 N75-12222 *
US-PATENT-CLASS-244-1SD ..... c 31 N73-26876 *
US-PATENT-CLASS-244-1SD ..... c 37 N74-27903 *
US-PATENT-CLASS-244-1SD ..... c 15 N77-10112 *
US-PATENT-CLASS-244-1SS ..... c 11 N73-13257 *
US-PATENT-CLASS-244-1SS ..... c 03 N73-20039 *
US-PATENT-CLASS-244-1SS ..... c 14 N73-27378 *
US-PATENT-CLASS-244-1SS ..... c 31 N73-30829 *
US-PATENT-CLASS-244-1SS ..... c 31 N73-32750 *
US-PATENT-CLASS-244-1SS ..... c 33 N73-32818 *
US-PATENT-CLASS-244-1SS ..... c 18 N74-22136 *
US-PATENT-CLASS-244-1SS ..... c 18 N74-27397 *
US-PATENT-CLASS-244-1SS ..... c 73 N75-30876 *
US-PATENT-CLASS-244-100 ..... c 15 N70-34850 *
US-PATENT-CLASS-244-100 ..... c 31 N70-36654 *
US-PATENT-CLASS-244-100 ..... c 31 N70-36845 *
US-PATENT-CLASS-244-100 ..... c 02 N70-41589 *
US-PATENT-CLASS-244-103R .... c 37 N81-24443 *
US-PATENT-CLASS-244-103 ..... c 02 N70-36825 *
US-PATENT-CLASS-244-110B .... c 07 N82-26293 *
US-PATENT-CLASS-244-110C .... c 37 N82-18601 *
US-PATENT-CLASS-244-113 ..... c 02 N70-37939 *
US-PATENT-CLASS-244-113 ..... c 31 N71-25434 *
US-PATENT-CLASS-244-113 ..... c 02 N77-10001 *
US-PATENT-CLASS-244-113 ..... c 37 N82-16408 *
US-PATENT-CLASS-244-113 ..... c 08 N85-35200 *
US-PATENT-CLASS-244-113 ..... c 02 N91-27139 *
US-PATENT-CLASS-244-114R .... c 04 N82-16059 *
US-PATENT-CLASS-244-114 ..... c 21 N72-22619 *
US-PATENT-CLASS-244-115 ..... c 18 N83-29303 *
US-PATENT-CLASS-244-117-A ... c 24 N88-18628 *
US-PATENT-CLASS-244-117A .... c 33 N73-25952 *
US-PATENT-CLASS-244-117A .... c 34 N76-17317 *
US-PATENT-CLASS-244-117A .... c 37 N76-19437 *
US-PATENT-CLASS-244-117A .... c 34 N77-18382 *
US-PATENT-CLASS-244-117A .... c 05 N81-26114 *
US-PATENT-CLASS-244-117A .... c 27 N84-27886 *
US-PATENT-CLASS-244-117 ..... c 31 N70-33242 *
US-PATENT-CLASS-244-117 ..... c 33 N72-17947 *
US-PATENT-CLASS-244-118.1 .... c 08 N82-32373 *
US-PATENT-CLASS-244-118.1 .... c 18 N85-29991 *
US-PATENT-CLASS-244-118.1 .... c 37 N85-34401 *
US-PATENT-CLASS-244-118.1 .... c 05 N87-14314 *
US-PATENT-CLASS-244-118.1 .... c 05 N91-27156 *
US-PATENT-CLASS-244-119 ..... c 02 N81-14968 *
US-PATENT-CLASS-244-119 ..... c 24 N82-24296 *
US-PATENT-CLASS-244-119 ..... c 24 N82-26384 *
US-PATENT-CLASS-244-119 ..... c 24 N84-11214 *
US-PATENT-CLASS-244-119 ..... c 05 N88-23765 *
US-PATENT-CLASS-244-12.3 ..... c 05 N88-28914 *
US-PATENT-CLASS-244-12.4 ..... c 05 N88-28914 *
US-PATENT-CLASS-244-12.5 ..... c 08 N81-19130 *
US-PATENT-CLASS-244-120 ..... c 05 N88-23765 *
US-PATENT-CLASS-244-120 ..... c 05 N91-31140 *
US-PATENT-CLASS-244-121 ..... c 27 N79-12221 *
US-PATENT-CLASS-244-121 ..... c 24 N79-25142 *
US-PATENT-CLASS-244-121 ..... c 15 N79-26100 *
US-PATENT-CLASS-244-121 ..... c 27 N82-24339 *
US-PATENT-CLASS-244-121 ..... c 27 N82-29456 *
US-PATENT-CLASS-244-121 ..... c 37 N87-17036 *
US-PATENT-CLASS-244-121 ..... c 16 N92-16007 *
US-PATENT-CLASS-244-122AD .. c 03 N91-15142 *
US-PATENT-CLASS-244-122 ..... c 05 N71-20718 *
US-PATENT-CLASS-244-123 ..... c 24 N77-28225 *
US-PATENT-CLASS-244-123 ..... c 24 N82-24296 *
US-PATENT-CLASS-244-123 ..... c 24 N82-26384 *
US-PATENT-CLASS-244-123 ..... c 24 N84-11214 *
US-PATENT-CLASS-244-127 ..... c 34 N74-23039 *
US-PATENT-CLASS-244-129.4 .... c 16 N92-16007 *
US-PATENT-CLASS-244-129.5 .... c 18 N90-19278 *
US-PATENT-CLASS-244-12 ..... c 02 N70-33332 *
US-PATENT-CLASS-244-130 ..... c 02 N77-10001 *
US-PATENT-CLASS-244-130 ..... c 02 N81-14968 *
US-PATENT-CLASS-244-130 ..... c 37 N81-24443 *
US-PATENT-CLASS-244-130 ..... c 02 N87-16793 *
US-PATENT-CLASS-244-130 ..... c 07 N87-16828 *
US-PATENT-CLASS-244-130 ..... c 02 N88-14071 *
US-PATENT-CLASS-244-130 ..... c 05 N88-23765 *
US-PATENT-CLASS-244-130 ..... c 05 N90-20078 *
US-PATENT-CLASS-244-130 ..... c 05 N90-20079 *
US-PATENT-CLASS-244-130 ..... c 34 N91-14562 *
US-PATENT-CLASS-244-130 ..... c 05 N91-27156 *
US-PATENT-CLASS-244-132 ..... c 24 N82-26384 *
US-PATENT-CLASS-244-132 ..... c 24 N82-32417 *
US-PATENT-CLASS-244-133 ..... c 31 N90-19427 *
US-PATENT-CLASS-244-134-D ... c 33 N86-20671 *
US-PATENT-CLASS-244-134-D ... c 33 N87-28833 *
US-PATENT-CLASS-244-134-F ... c 35 N88-29149 *
US-PATENT-CLASS-244-135R .... c 34 N76-17317 *
US-PATENT-CLASS-244-135R .... c 20 N80-10278 *
US-PATENT-CLASS-244-135 ..... c 31 N70-42015 *
US-PATENT-CLASS-244-135 ..... c 15 N73-12486 *
US-PATENT-CLASS-244-135 ..... c 14 N73-27378 *
US-PATENT-CLASS-244-137.2 .... c 18 N91-14374 *
US-PATENT-CLASS-244-137.2 .... c 03 N91-15142 *
US-PATENT-CLASS-244-137.2 .... c 03 N91-31113 *
US-PATENT-CLASS-244-137.4 .... c 05 N90-20079 *
US-PATENT-CLASS-244-137.4 .... c 05 N91-27156 *
US-PATENT-CLASS-244-137-A ... c 05 N87-14314 *
US-PATENT-CLASS-244-137P .... c 31 N73-26876 *
US-PATENT-CLASS-244-137P .... c 37 N76-22540 *
US-PATENT-CLASS-244-137P .... c 01 N83-35992 *
US-PATENT-CLASS-244-137R .... c 08 N82-32373 *
US-PATENT-CLASS-244-138A .... c 35 N90-22769 *
US-PATENT-CLASS-244-138 ..... c 01 N69-39981 * #
US-PATENT-CLASS-244-138 ..... c 02 N70-41630 *
US-PATENT-CLASS-244-138 ..... c 31 N71-16085 *
US-PATENT-CLASS-244-138 ..... c 31 N71-25434 *
US-PATENT-CLASS-244-138 ..... c 31 N71-28851 *
US-PATENT-CLASS-244-139 ..... c 31 N73-13898 *
US-PATENT-CLASS-244-139 ..... c 02 N76-16014 *
US-PATENT-CLASS-244-139 ..... c 05 N85-21147 *
US-PATENT-CLASS-244-139 ..... c 08 N85-35200 *
US-PATENT-CLASS-244-139 ..... c 02 N91-27139 *
US-PATENT-CLASS-244-13 ..... c 01 N71-23497 *
US-PATENT-CLASS-244-13 ..... c 02 N73-26005 *
US-PATENT-CLASS-244-13 ..... c 05 N75-25914 *
US-PATENT-CLASS-244-13 ..... c 05 N84-12154 *
US-PATENT-CLASS-244-140 ..... c 02 N70-38009 *
US-PATENT-CLASS-244-145 ..... c 02 N74-10034 *
US-PATENT-CLASS-244-147 ..... c 05 N85-21147 *
US-PATENT-CLASS-244-14 ..... c 14 N70-33322 *
US-PATENT-CLASS-244-14 ..... c 18 N91-21222 *
US-PATENT-CLASS-244-15.5 ..... c 31 N72-18859 *
US-PATENT-CLASS-244-150 ..... c 15 N71-24600 *
US-PATENT-CLASS-244-151R .... c 33 N74-22865 *
US-PATENT-CLASS-244-152 ..... c 02 N70-36804 *
US-PATENT-CLASS-244-155 ..... c 30 N73-12884 *
US-PATENT-CLASS-244-155 ..... c 31 N73-14854 *
US-PATENT-CLASS-244-158.R ... c 20 N86-26368 *
US-PATENT-CLASS-244-158-A ... c 37 N85-30335 *
US-PATENT-CLASS-244-158-A ... c 05 N86-19310 *
US-PATENT-CLASS-244-158-A ... c 24 N88-18628 *
US-PATENT-CLASS-244-158-R ... c 05 N86-19310 *
US-PATENT-CLASS-244-158-R ... c 18 N86-20469 *
US-PATENT-CLASS-244-158A .... c 27 N82-24339 *
US-PATENT-CLASS-244-158A .... c 27 N82-29456 *
US-PATENT-CLASS-244-158A .... c 24 N82-32417 *
US-PATENT-CLASS-244-158A .... c 24 N83-13172 *
US-PATENT-CLASS-244-158A .... c 16 N84-22601 *
US-PATENT-CLASS-244-158A .... c 27 N84-27886 *
US-PATENT-CLASS-244-158A .... c 24 N90-23480 *
US-PATENT-CLASS-244-158R .... c 31 N81-25258 *
US-PATENT-CLASS-244-158R .... c 16 N84-27784 *
US-PATENT-CLASS-244-158R .... c 18 N85-29991 *
US-PATENT-CLASS-244-158R .... c 37 N85-34401 *
US-PATENT-CLASS-244-158R .... c 37 N87-17036 *
US-PATENT-CLASS-244-158R .... c 18 N90-19278 *
US-PATENT-CLASS-244-158R .... c 16 N90-22584 *
US-PATENT-CLASS-244-158R .... c 18 N91-21222 *
US-PATENT-CLASS-244-158R .... c 18 N92-15114 *
US-PATENT-CLASS-244-158R .... c 16 N92-16007 *
US-PATENT-CLASS-244-158R .... c 35 N92-33010 *
US-PATENT-CLASS-244-158R .... c 18 N92-33013 *
US-PATENT-CLASS-244-158 ..... c 37 N76-22540 *
US-PATENT-CLASS-244-158 ..... c 27 N79-12221 *
US-PATENT-CLASS-244-159 ..... c 18 N79-11108 *
US-PATENT-CLASS-244-159 ..... c 07 N83-20944 *
US-PATENT-CLASS-244-159 ..... c 31 N83-31895 *
US-PATENT-CLASS-244-159 ..... c 18 N86-24729 *
US-PATENT-CLASS-244-159 ..... c 37 N86-25789 *
US-PATENT-CLASS-244-159 ..... c 18 N88-26398 *
US-PATENT-CLASS-244-159 ..... c 18 N89-25266 *
US-PATENT-CLASS-244-159 ..... c 18 N89-28553 *
US-PATENT-CLASS-244-159 ..... c 18 N90-16860 *
US-PATENT-CLASS-244-159 ..... c 18 N90-20126 *
US-PATENT-CLASS-244-159 ..... c 18 N91-27201 *
US-PATENT-CLASS-244-159 ..... c 54 N91-31803 * #
US-PATENT-CLASS-244-15 ..... c 05 N75-25914 *
US-PATENT-CLASS-244-15 ..... c 05 N88-23765 *
US-PATENT-CLASS-244-160 ..... c 27 N79-12221 *
US-PATENT-CLASS-244-160 ..... c 43 N81-17499 *
US-PATENT-CLASS-244-160 ..... c 14 N81-26161 *
US-PATENT-CLASS-244-160 ..... c 27 N82-24339 *
US-PATENT-CLASS-244-160 ..... c 27 N82-29456 *
US-PATENT-CLASS-244-160 ..... c 16 N90-22584 *
US-PATENT-CLASS-244-160 ..... c 18 N92-21999 *
US-PATENT-CLASS-244-160 ..... c 18 N92-33013 *
US-PATENT-CLASS-244-161 ..... c 18 N76-14186 *
US-PATENT-CLASS-244-161 ..... c 37 N76-22540 *
US-PATENT-CLASS-244-161 ..... c 37 N77-23483 *
US-PATENT-CLASS-244-161 ..... c 15 N78-25119 *
US-PATENT-CLASS-244-161 ..... c 37 N80-14398 *
US-PATENT-CLASS-244-161 ..... c 37 N81-14320 *
US-PATENT-CLASS-244-161 ..... c 37 N81-27519 *
US-PATENT-CLASS-244-161 ..... c 18 N83-29303 *
US-PATENT-CLASS-244-161 ..... c 18 N84-22605 *
US-PATENT-CLASS-244-161 ..... c 16 N86-26352 *
US-PATENT-CLASS-244-161 ..... c 37 N87-25582 *
US-PATENT-CLASS-244-161 ..... c 18 N89-25266 *
US-PATENT-CLASS-244-161 ..... c 18 N89-28553 *
US-PATENT-CLASS-244-161 ..... c 18 N90-20126 *
US-PATENT-CLASS-244-161 ..... c 16 N90-22584 *
US-PATENT-CLASS-244-161 ..... c 18 N91-14374 *
US-PATENT-CLASS-244-161 ..... c 37 N92-28727 *
US-PATENT-CLASS-244-161 ..... c 18 N92-28750 *
US-PATENT-CLASS-244-161 ..... c 37 N92-33018 *
US-PATENT-CLASS-244-162 ..... c 18 N75-19329 *
US-PATENT-CLASS-244-162 ..... c 18 N76-17185 *
US-PATENT-CLASS-244-162 ..... c 03 N91-15142 *
US-PATENT-CLASS-244-162 ..... c 18 N92-21999 *
US-PATENT-CLASS-244-163 ..... c 37 N76-19437 *
US-PATENT-CLASS-244-163 ..... c 24 N79-25142 *
US-PATENT-CLASS-244-163 ..... c 34 N79-31523 *
US-PATENT-CLASS-244-163 ..... c 05 N81-26114 *
US-PATENT-CLASS-244-163 ..... c 37 N82-16408 *
US-PATENT-CLASS-244-163 ..... c 27 N82-29456 *
US-PATENT-CLASS-244-163 ..... c 35 N85-29214 *
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US-PATENT-CLASS-244-163 ..... c 54 N91-31803 * #
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US-PATENT-CLASS-244-164 ..... c 35 N89-15379 *
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US-PATENT-CLASS-244-165 ..... c 15 N76-14158 *
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US-PATENT-CLASS-244-167 ..... c 15 N78-25119 *
US-PATENT-CLASS-244-168 ..... c 04 N82-23231 *
US-PATENT-CLASS-244-169 ..... c 15 N77-10113 *
US-PATENT-CLASS-244-169 ..... c 18 N83-28064 *
US-PATENT-CLASS-244-169 ..... c 20 N86-26368 *
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US-PATENT-CLASS-244-17.13 .... c 02 N73-19004 *
US-PATENT-CLASS-244-17.13 .... c 08 N79-23097 *
US-PATENT-CLASS-244-17.19 .... c 08 N88-23809 *
US-PATENT-CLASS-244-17.25 .... c 05 N81-19087 *
US-PATENT-CLASS-244-17.27 .... c 05 N87-14314 *
US-PATENT-CLASS-244-170 ..... c 35 N80-21719 *
US-PATENT-CLASS-244-170 ..... c 18 N83-28064 *
US-PATENT-CLASS-244-171 ..... c 15 N77-10113 *
US-PATENT-CLASS-244-171 ..... c 35 N77-20399 *
US-PATENT-CLASS-244-172 ..... c 18 N76-17185 *
US-PATENT-CLASS-244-172 ..... c 16 N84-27784 *
US-PATENT-CLASS-244-172 ..... c 18 N84-27787 *
US-PATENT-CLASS-244-172 ..... c 05 N86-19310 *
US-PATENT-CLASS-244-172 ..... c 16 N90-22584 *
US-PATENT-CLASS-244-172 ..... c 18 N92-33013 *
US-PATENT-CLASS-244-173 ..... c 44 N75-32581 *
US-PATENT-CLASS-244-173 ..... c 37 N81-15364 *
US-PATENT-CLASS-244-173 ..... c 07 N83-20944 *
US-PATENT-CLASS-244-173 ..... c 37 N86-25789 *

US-PATENT-CLASS-244-175 ..... c 04 N82-23231 *
US-PATENT-CLASS-244-181 ..... c 08 N81-24106 *
US-PATENT-CLASS-244-181 ..... c 08 N81-26152 *
US-PATENT-CLASS-244-181 ..... c 06 N86-27280 *
US-PATENT-CLASS-244-182 ..... c 08 N81-26152 *
US-PATENT-CLASS-244-190 ..... c 04 N82-23231 *
US-PATENT-CLASS-244-194 ..... c 60 N82-29013 *
US-PATENT-CLASS-244-195 ..... c 08 N79-23097 *
US-PATENT-CLASS-244-195 ..... c 08 N81-24106 *
US-PATENT-CLASS-244-198 ..... c 05 N92-21587 *
US-PATENT-CLASS-244-199 ..... c 07 N85-35194 *
US-PATENT-CLASS-244-199 ..... c 02 N88-14071 *
US-PATENT-CLASS-244-199 ..... c 05 N91-14345 *
US-PATENT-CLASS-244-199 ..... c 05 N91-31140 *
US-PATENT-CLASS-244-1 ..... c 31 N69-27499 * #
US-PATENT-CLASS-244-1 ..... c 03 N70-33343 *
US-PATENT-CLASS-244-1 ..... c 33 N70-33344 *
US-PATENT-CLASS-244-1 ..... c 03 N70-34157 *
US-PATENT-CLASS-244-1 ..... c 31 N70-34176 *
US-PATENT-CLASS-244-1 ..... c 21 N70-34295 *
US-PATENT-CLASS-244-1 ..... c 31 N70-34296 *
US-PATENT-CLASS-244-1 ..... c 21 N70-35395 *
US-PATENT-CLASS-244-1 ..... c 31 N70-36410 *
US-PATENT-CLASS-244-1 ..... c 33 N70-36617 *
US-PATENT-CLASS-244-1 ..... c 21 N70-36943 *
US-PATENT-CLASS-244-1 ..... c 31 N70-37924 *
US-PATENT-CLASS-244-1 ..... c 31 N70-37938 *
US-PATENT-CLASS-244-1 ..... c 31 N70-37986 *
US-PATENT-CLASS-244-1 ..... c 31 N70-38676 *
US-PATENT-CLASS-244-1 ..... c 30 N70-40016 *
US-PATENT-CLASS-244-1 ..... c 31 N70-41373 *
US-PATENT-CLASS-244-1 ..... c 31 N70-41588 *
US-PATENT-CLASS-244-1 ..... c 31 N70-41631 *
US-PATENT-CLASS-244-1 ..... c 31 N70-41855 *
US-PATENT-CLASS-244-1 ..... c 21 N70-41856 *
US-PATENT-CLASS-244-1 ..... c 31 N70-42075 *
US-PATENT-CLASS-244-1 ..... c 03 N71-11058 *
US-PATENT-CLASS-244-1 ..... c 33 N71-14035 *
US-PATENT-CLASS-244-1 ..... c 21 N71-14132 *
US-PATENT-CLASS-244-1 ..... c 21 N71-14159 *
US-PATENT-CLASS-244-1 ..... c 21 N71-15583 *
US-PATENT-CLASS-244-1 ..... c 31 N71-15663 *
US-PATENT-CLASS-244-1 ..... c 31 N71-15674 *
US-PATENT-CLASS-244-1 ..... c 31 N71-15676 *
US-PATENT-CLASS-244-1 ..... c 02 N71-16087 *
US-PATENT-CLASS-244-1 ..... c 31 N71-16222 *
US-PATENT-CLASS-244-1 ..... c 31 N71-16345 *
US-PATENT-CLASS-244-1 ..... c 31 N71-16346 *
US-PATENT-CLASS-244-1 ..... c 31 N71-17679 *
US-PATENT-CLASS-244-1 ..... c 15 N71-17693 *
US-PATENT-CLASS-244-1 ..... c 31 N71-17729 *
US-PATENT-CLASS-244-1 ..... c 15 N71-19214 *
US-PATENT-CLASS-244-1 ..... c 03 N71-20273 *
US-PATENT-CLASS-244-1 ..... c 31 N71-20396 *
US-PATENT-CLASS-244-1 ..... c 31 N71-21064 *
US-PATENT-CLASS-244-1 ..... c 14 N71-21082 *
US-PATENT-CLASS-244-1 ..... c 21 N71-21708 *
US-PATENT-CLASS-244-1 ..... c 31 N71-21881 *
US-PATENT-CLASS-244-1 ..... c 33 N71-22792 *
US-PATENT-CLASS-244-1 ..... c 31 N71-22968 *
US-PATENT-CLASS-244-1 ..... c 31 N71-22969 *
US-PATENT-CLASS-244-1 ..... c 31 N71-23009 *
US-PATENT-CLASS-244-1 ..... c 14 N71-23040 *
US-PATENT-CLASS-244-1 ..... c 31 N71-23912 *
US-PATENT-CLASS-244-1 ..... c 31 N71-24315 *
US-PATENT-CLASS-244-1 ..... c 15 N71-24600 *
US-PATENT-CLASS-244-1 ..... c 05 N71-24728 *
US-PATENT-CLASS-244-1 ..... c 33 N71-25353 *
US-PATENT-CLASS-244-1 ..... c 31 N71-25434 *
US-PATENT-CLASS-244-1 ..... c 31 N71-26537 *
US-PATENT-CLASS-244-1 ..... c 15 N71-26611 *
US-PATENT-CLASS-244-1 ..... c 28 N71-27095 *
US-PATENT-CLASS-244-1 ..... c 21 N71-27324 *
US-PATENT-CLASS-244-1 ..... c 33 N71-28903 *
US-PATENT-CLASS-244-1 ..... c 15 N71-28936 *
US-PATENT-CLASS-244-1 ..... c 31 N71-29050 *
US-PATENT-CLASS-244-1 ..... c 31 N71-33160 *
US-PATENT-CLASS-244-200 ..... c 02 N87-16793 *
US-PATENT-CLASS-244-200 ..... c 02 N88-14071 *
US-PATENT-CLASS-244-200 ..... c 05 N92-21587 *
US-PATENT-CLASS-244-203 ..... c 34 N91-14562 *
US-PATENT-CLASS-244-204 ..... c 02 N87-16793 *
US-PATENT-CLASS-244-204 ..... c 34 N91-14562 *
US-PATENT-CLASS-244-207 ..... c 05 N88-28914 *
US-PATENT-CLASS-244-212 ..... c 05 N84-22551 *
US-PATENT-CLASS-244-212 ..... c 05 N92-21587 *
US-PATENT-CLASS-244-213 ..... c 08 N82-24205 *
US-PATENT-CLASS-244-214 ..... c 08 N85-19985 *
US-PATENT-CLASS-244-215 ..... c 05 N84-22551 *
US-PATENT-CLASS-244-215 ..... c 05 N92-21587 *
US-PATENT-CLASS-244-216 ..... c 05 N84-22551 *
US-PATENT-CLASS-244-217 ..... c 37 N82-16408 *
US-PATENT-CLASS-244-218 ..... c 05 N78-32086 *
US-PATENT-CLASS-244-218 ..... c 08 N79-14108 *
US-PATENT-CLASS-244-219 ..... c 05 N84-22551 *
US-PATENT-CLASS-244-226 ..... c 08 N82-24205 *
US-PATENT-CLASS-244-23A ..... c 21 N72-25595 *
US-PATENT-CLASS-244-23C ..... c 05 N82-26277 *
US-PATENT-CLASS-244-23D ..... c 34 N76-18364 *
US-PATENT-CLASS-244-234 ..... c 08 N86-27288 *
US-PATENT-CLASS-244-23 ..... c 02 N71-11039 *
US-PATENT-CLASS-244-2 ..... c 14 N81-26161 *
US-PATENT-CLASS-244-2 ..... c 18 N84-27787 *
US-PATENT-CLASS-244-3.14 ..... c 31 N71-17691 *
US-PATENT-CLASS-244-3.16 ..... c 19 N74-15089 *
US-PATENT-CLASS-244-3.21 ..... c 30 N72-17873 *
US-PATENT-CLASS-244-3.21 ..... c 15 N76-14158 *
US-PATENT-CLASS-244-3.21 ..... c 15 N77-10113 *
US-PATENT-CLASS-244-3.21 ..... c 35 N77-20399 *
US-PATENT-CLASS-244-3.22 ..... c 31 N71-17629 *
US-PATENT-CLASS-244-3.22 ..... c 28 N72-22769 *
US-PATENT-CLASS-244-3.22 ..... c 20 N76-21275 *
US-PATENT-CLASS-244-31 ..... c 02 N71-11037 *
US-PATENT-CLASS-244-31 ..... c 31 N71-16081 *
US-PATENT-CLASS-244-31 ..... c 34 N74-23039 *
US-PATENT-CLASS-244-327 ..... c 08 N74-30421 *
US-PATENT-CLASS-244-32 ..... c 02 N73-13008 *
US-PATENT-CLASS-244-34A ..... c 05 N82-26277 *
US-PATENT-CLASS-244-35-R ..... c 02 N89-14224 *
US-PATENT-CLASS-244-35A ..... c 02 N84-11136 *
US-PATENT-CLASS-244-35R ..... c 02 N76-22154 *
US-PATENT-CLASS-244-35R ..... c 02 N84-11136 *
US-PATENT-CLASS-244-35R ..... c 02 N84-28732 *
US-PATENT-CLASS-244-35R ..... c 02 N87-16793 *
US-PATENT-CLASS-244-35R ..... c 02 N92-28729 *
US-PATENT-CLASS-244-35 ..... c 01 N71-13410 *
US-PATENT-CLASS-244-36 ..... c 02 N92-28729 *
US-PATENT-CLASS-244-40R ..... c 02 N76-22154 *
US-PATENT-CLASS-244-42CG .... c 33 N77-10429 *
US-PATENT-CLASS-244-42DA .... c 05 N75-25914 *
US-PATENT-CLASS-244-42 ..... c 02 N70-42016 *
US-PATENT-CLASS-244-42 ..... c 02 N71-26110 *
US-PATENT-CLASS-244-43 ..... c 02 N70-33255 *
US-PATENT-CLASS-244-43 ..... c 02 N71-11043 *
US-PATENT-CLASS-244-44 ..... c 02 N71-11038 *
US-PATENT-CLASS-244-45-A .... c 05 N88-28914 *
US-PATENT-CLASS-244-45A ..... c 05 N78-32086 *
US-PATENT-CLASS-244-45A ..... c 05 N90-23390 *
US-PATENT-CLASS-244-45R ..... c 05 N84-12154 *
US-PATENT-CLASS-244-45 ..... c 02 N71-12243 *
US-PATENT-CLASS-244-46 ..... c 02 N70-33266 *
US-PATENT-CLASS-244-46 ..... c 02 N70-33286 *
US-PATENT-CLASS-244-46 ..... c 02 N70-34178 *
US-PATENT-CLASS-244-46 ..... c 02 N70-34858 *
US-PATENT-CLASS-244-46 ..... c 31 N70-38010 *
US-PATENT-CLASS-244-46 ..... c 02 N70-38011 *
US-PATENT-CLASS-244-46 ..... c 02 N71-11041 * #
US-PATENT-CLASS-244-46 ..... c 02 N73-26005 *
US-PATENT-CLASS-244-46 ..... c 05 N76-29217 *
US-PATENT-CLASS-244-46 ..... c 05 N78-32086 *
US-PATENT-CLASS-244-46 ..... c 08 N79-14108 *
US-PATENT-CLASS-244-46 ..... c 05 N90-23390 *
US-PATENT-CLASS-244-48 ..... c 05 N79-12061 *
US-PATENT-CLASS-244-48 ..... c 05 N82-28279 *
US-PATENT-CLASS-244-49 ..... c 43 N81-17499 *
US-PATENT-CLASS-244-4 ..... c 05 N69-21380 * #
US-PATENT-CLASS-244-4 ..... c 05 N71-12336 *
US-PATENT-CLASS-244-4 ..... c 28 N71-27585 *
US-PATENT-CLASS-244-50 ..... c 02 N70-34160 *
US-PATENT-CLASS-244-51 ..... c 02 N70-34856 *
US-PATENT-CLASS-244-52 ..... c 08 N81-19130 *
US-PATENT-CLASS-244-53A ..... c 07 N78-18066 *
US-PATENT-CLASS-244-53B ..... c 02 N74-20646 *
US-PATENT-CLASS-244-53B ..... c 07 N75-24736 *
US-PATENT-CLASS-244-53B ..... c 07 N77-18154 *
US-PATENT-CLASS-244-53B ..... c 05 N79-24976 *
US-PATENT-CLASS-244-53B ..... c 85 N82-33288 *
US-PATENT-CLASS-244-53R ..... c 05 N84-12154 *
US-PATENT-CLASS-244-53 ..... c 28 N71-15563 *
US-PATENT-CLASS-244-54 ..... c 07 N78-18066 *
US-PATENT-CLASS-244-54 ..... c 07 N79-14096 *
US-PATENT-CLASS-244-54 ..... c 05 N90-20078 *
US-PATENT-CLASS-244-55 ..... c 02 N73-26005 *
US-PATENT-CLASS-244-55 ..... c 05 N75-25914 *
US-PATENT-CLASS-244-55 ..... c 05 N84-12154 *
US-PATENT-CLASS-244-55 ..... c 07 N85-35194 *
US-PATENT-CLASS-244-55 ..... c 07 N87-16828 *
US-PATENT-CLASS-244-55 ..... c 05 N88-28914 *
US-PATENT-CLASS-244-55 ..... c 05 N90-20078 *
US-PATENT-CLASS-244-57 ..... c 15 N71-26611 *
US-PATENT-CLASS-244-58 ..... c 05 N91-14345 *
US-PATENT-CLASS-244-63 ..... c 09 N77-19076 *
US-PATENT-CLASS-244-63 ..... c 14 N81-26161 *
US-PATENT-CLASS-244-63 ..... c 16 N84-27784 *
US-PATENT-CLASS-244-63 ..... c 18 N84-27787 *
US-PATENT-CLASS-244-63 ..... c 14 N92-15081 *
US-PATENT-CLASS-244-75-R ..... c 08 N85-35200 *
US-PATENT-CLASS-244-75-R ..... c 05 N89-11738 *
US-PATENT-CLASS-244-75A ..... c 02 N73-26004 *
US-PATENT-CLASS-244-75R ..... c 05 N75-12930 *
US-PATENT-CLASS-244-75R ..... c 05 N85-21147 *
US-PATENT-CLASS-244-75R ..... c 05 N90-23390 *
US-PATENT-CLASS-244-75R ..... c 02 N91-27139 *
US-PATENT-CLASS-244-75R ..... c 05 N91-31140 *
US-PATENT-CLASS-244-76-R .... c 08 N87-20999 *
US-PATENT-CLASS-244-76C ..... c 02 N73-26004 *
US-PATENT-CLASS-244-76 ..... c 21 N70-34539 *
US-PATENT-CLASS-244-76 ..... c 02 N71-13422 *
US-PATENT-CLASS-244-76 ..... c 02 N71-20570 *
US-PATENT-CLASS-244-77A ..... c 04 N74-13420 *
US-PATENT-CLASS-244-77B ..... c 04 N74-13420 *
US-PATENT-CLASS-244-77D ..... c 02 N73-19004 *
US-PATENT-CLASS-244-77F ..... c 02 N73-26004 *
US-PATENT-CLASS-244-77G ..... c 02 N73-26004 *
US-PATENT-CLASS-244-77 ..... c 32 N71-23971 *
US-PATENT-CLASS-244-78 ..... c 08 N82-24205 *
US-PATENT-CLASS-244-78 ..... c 05 N89-11738 *
US-PATENT-CLASS-244-79 ..... c 04 N76-26175 *
US-PATENT-CLASS-244-82 ..... c 05 N79-12061 *
US-PATENT-CLASS-244-83G ..... c 08 N79-23097 *
US-PATENT-CLASS-244-83R ..... c 05 N75-12930 *
US-PATENT-CLASS-244-83 ..... c 21 N70-33279 *
US-PATENT-CLASS-244-83 ..... c 15 N71-23255 *
US-PATENT-CLASS-244-83 ..... c 31 N71-33160 *
US-PATENT-CLASS-244-83 ..... c 08 N74-10942 *
US-PATENT-CLASS-244-87 ..... c 08 N81-19130 *
US-PATENT-CLASS-244-87 ..... c 05 N91-31140 *
US-PATENT-CLASS-244-88 ..... c 05 N91-31140 *
US-PATENT-CLASS-244-90R ..... c 08 N74-30421 *
US-PATENT-CLASS-244-90R ..... c 05 N79-12061 *
US-PATENT-CLASS-244-90R ..... c 08 N79-14108 *
US-PATENT-CLASS-244-90R ..... c 08 N85-19985 *
US-PATENT-CLASS-244-90R ..... c 05 N90-23390 *
US-PATENT-CLASS-244-90 ..... c 02 N71-27088 *
US-PATENT-CLASS-244-91 ..... c 08 N74-30421 *
US-PATENT-CLASS-244-91 ..... c 05 N84-12154 *
US-PATENT-CLASS-244-91 ..... c 08 N88-23809 *
US-PATENT-CLASS-244-93 ..... c 05 N82-26277 *
US-PATENT-CLASS-244/161 ..... c 37 N87-22985 *
US-PATENT-CLASS-247-171 ..... c 35 N75-23910 *
US-PATENT-CLASS-248-DIG-1 ... c 18 N89-28554 *
US-PATENT-CLASS-248-119 ..... c 11 N70-35383 *
US-PATENT-CLASS-248-14 ..... c 15 N72-17454 *
US-PATENT-CLASS-248-16 ..... c 18 N74-27397 *
US-PATENT-CLASS-248-178 ..... c 15 N70-41310 *
US-PATENT-CLASS-248-178 ..... c 37 N78-27425 *
US-PATENT-CLASS-248-181 ..... c 37 N91-21543 *
US-PATENT-CLASS-248-183 ..... c 14 N71-26627 *
US-PATENT-CLASS-248-183 ..... c 15 N72-11386 *
US-PATENT-CLASS-248-186 ..... c 37 N78-27425 *
US-PATENT-CLASS-248-188.4 .... c 15 N72-27484 *
US-PATENT-CLASS-248-188.9 .... c 31 N70-34159 *
US-PATENT-CLASS-248-18 ..... c 14 N69-27486 * #
US-PATENT-CLASS-248-18 ..... c 15 N72-11391 *
US-PATENT-CLASS-248-20 ..... c 15 N72-11391 *
US-PATENT-CLASS-248-222.1 .... c 37 N92-29092 *
US-PATENT-CLASS-248-228 ..... c 37 N84-16560 *
US-PATENT-CLASS-248-229 ..... c 37 N91-14617 *
US-PATENT-CLASS-248-22 ..... c 19 N76-22284 *
US-PATENT-CLASS-248-230 ..... c 37 N91-14617 *
US-PATENT-CLASS-248-23 ..... c 18 N74-27397 *
US-PATENT-CLASS-248-251 ..... c 37 N92-29092 *
US-PATENT-CLASS-248-278 ..... c 15 N72-11386 *
US-PATENT-CLASS-248-27 ..... c 15 N71-20813 *
US-PATENT-CLASS-248-316.4 .... c 37 N87-21333 *
US-PATENT-CLASS-248-317 ..... c 11 N69-27466 * #
US-PATENT-CLASS-248-346 ..... c 14 N70-39898 *
US-PATENT-CLASS-248-358R .... c 37 N75-18573 *
US-PATENT-CLASS-248-358R .... c 19 N76-22284 *
US-PATENT-CLASS-248-358 ..... c 15 N70-40156 *
US-PATENT-CLASS-248-358 ..... c 23 N71-15673 *
US-PATENT-CLASS-248-358 ..... c 15 N71-24694 *
US-PATENT-CLASS-248-36-3 ..... c 37 N78-17383 *
US-PATENT-CLASS-248-360 ..... c 15 N71-17649 *
US-PATENT-CLASS-248-361 ..... c 05 N71-28619 *
US-PATENT-CLASS-248-362 ..... c 37 N76-21554 *
US-PATENT-CLASS-248-363 ..... c 37 N76-21554 *
US-PATENT-CLASS-248-425 ..... c 37 N82-21587 *
US-PATENT-CLASS-248-453 ..... c 37 N92-33616 *
US-PATENT-CLASS-248-455 ..... c 37 N92-33616 *
US-PATENT-CLASS-248-463 ..... c 37 N92-33616 *
US-PATENT-CLASS-248-487 ..... c 15 N72-11386 *
US-PATENT-CLASS-248-503 ..... c 18 N85-29991 *
US-PATENT-CLASS-248-548 ..... c 37 N88-23982 *
US-PATENT-CLASS-248-550 ..... c 37 N85-34401 *
US-PATENT-CLASS-248-550 ..... c 37 N87-21333 *
US-PATENT-CLASS-248-550 ..... c 37 N92-34173 *
US-PATENT-CLASS-248-555 ..... c 18 N85-29991 *
US-PATENT-CLASS-248-593 ..... c 37 N91-21541 *
US-PATENT-CLASS-248-604 ..... c 37 N91-21541 *
US-PATENT-CLASS-248-608 ..... c 37 N88-23982 *
US-PATENT-CLASS-248-636 ..... c 35 N83-32026 *
US-PATENT-CLASS-248-638 ..... c 35 N83-32026 *
US-PATENT-CLASS-248-638 ..... c 05 N87-14314 *
US-PATENT-CLASS-248-650 ..... c 37 N91-21543 *
US-PATENT-CLASS-248-65 ..... c 33 N92-29153 *
US-PATENT-CLASS-248-677 ..... c 37 N91-21543 *
US-PATENT-CLASS-248-68.1 ..... c 33 N92-29153 *

US-PATENT-CLASS-248 ..... c 25 N79-28253 *
US-PATENT-CLASS-249-127 ..... c 31 N90-21216 *
US-PATENT-CLASS-249-144 ..... c 31 N75-13111 *
US-PATENT-CLASS-249-145 ..... c 31 N74-32920 *
US-PATENT-CLASS-249-145 ..... c 31 N75-13111 *
US-PATENT-CLASS-249-184 ..... c 31 N74-32920 *
US-PATENT-CLASS-249-59 ..... c 31 N75-13111 *
US-PATENT-CLASS-249-83 ..... c 31 N74-32920 *
US-PATENT-CLASS-249-95 ..... c 31 N74-32920 *
US-PATENT-CLASS-25-156 ..... c 15 N71-16076 *
US-PATENT-CLASS-250-105 ..... c 14 N70-40240 *
US-PATENT-CLASS-250-105 ..... c 14 N73-30389 *
US-PATENT-CLASS-250-199 ..... c 16 N69-27491 * #
US-PATENT-CLASS-250-199 ..... c 07 N71-12389 *
US-PATENT-CLASS-250-199 ..... c 16 N71-22895 *
US-PATENT-CLASS-250-199 ..... c 16 N71-25914 *
US-PATENT-CLASS-250-199 ..... c 16 N71-27183 *
US-PATENT-CLASS-250-199 ..... c 16 N73-16536 *
US-PATENT-CLASS-250-199 ..... c 07 N73-26119 *
US-PATENT-CLASS-250-199 ..... c 74 N76-18913 *
US-PATENT-CLASS-250-199 ..... c 74 N76-30053 *
US-PATENT-CLASS-250-199 ..... c 74 N77-26942 *
US-PATENT-CLASS-250-199 ..... c 32 N77-28346 *
US-PATENT-CLASS-250-199 ..... c 60 N77-32731 *
US-PATENT-CLASS-250-199 ..... c 74 N78-14889 *
US-PATENT-CLASS-250-201.9 ..... c 74 N92-29122 *
US-PATENT-CLASS-250-201 ..... c 14 N70-40238 *
US-PATENT-CLASS-250-201 ..... c 35 N75-15014 *
US-PATENT-CLASS-250-201 ..... c 74 N78-17866 *
US-PATENT-CLASS-250-203R .... c 14 N72-27409 *
US-PATENT-CLASS-250-203R .... c 14 N73-25462 *
US-PATENT-CLASS-250-203R .... c 14 N73-28490 *
US-PATENT-CLASS-250-203R .... c 21 N73-30640 *
US-PATENT-CLASS-250-203R .... c 19 N74-15089 *
US-PATENT-CLASS-250-203R .... c 89 N74-30886 *
US-PATENT-CLASS-250-203R .... c 35 N77-20401 *
US-PATENT-CLASS-250-203R .... c 74 N77-22951 *
US-PATENT-CLASS-250-203R .... c 44 N81-24520 *
US-PATENT-CLASS-250-203R .... c 32 N83-18975 *
US-PATENT-CLASS-250-203R .... c 47 N83-32232 *
US-PATENT-CLASS-250-203R .... c 44 N88-14492 *
US-PATENT-CLASS-250-203X .... c 16 N72-13437 *
US-PATENT-CLASS-250-203 ..... c 14 N69-27432 * #
US-PATENT-CLASS-250-203 ..... c 14 N69-27485 * #
US-PATENT-CLASS-250-203 ..... c 07 N69-39736 * #
US-PATENT-CLASS-250-203 ..... c 14 N70-34158 *
US-PATENT-CLASS-250-203 ..... c 21 N70-35089 *
US-PATENT-CLASS-250-203 ..... c 14 N70-40239 *
US-PATENT-CLASS-250-203 ..... c 21 N71-10678 *
US-PATENT-CLASS-250-203 ..... c 21 N71-10771 *
US-PATENT-CLASS-250-203 ..... c 21 N71-15642 *
US-PATENT-CLASS-250-203 ..... c 14 N71-19568 *
US-PATENT-CLASS-250-203 ..... c 14 N71-23269 *
US-PATENT-CLASS-250-203 ..... c 14 N71-23797 *
US-PATENT-CLASS-250-203 ..... c 14 N72-22444 *
US-PATENT-CLASS-250-203 ..... c 14 N73-30393 *
US-PATENT-CLASS-250-203 ..... c 35 N75-23910 *
US-PATENT-CLASS-250-204 ..... c 36 N74-21091 *
US-PATENT-CLASS-250-205 ..... c 14 N72-27411 *
US-PATENT-CLASS-250-205 ..... c 09 N73-14214 *
US-PATENT-CLASS-250-205 ..... c 36 N74-13205 *
US-PATENT-CLASS-250-206 ..... c 10 N71-20782 *
US-PATENT-CLASS-250-207 ..... c 14 N72-17328 *
US-PATENT-CLASS-250-207 ..... c 14 N73-32317 *
US-PATENT-CLASS-250-207 ..... c 33 N74-27682 *
US-PATENT-CLASS-250-208 ..... c 14 N72-20379 *
US-PATENT-CLASS-250-209 ..... c 07 N69-39980 * #
US-PATENT-CLASS-250-209 ..... c 20 N71-16340 *
US-PATENT-CLASS-250-209 ..... c 10 N72-17173 *
US-PATENT-CLASS-250-209 ..... c 14 N72-25409 *
US-PATENT-CLASS-250-209 ..... c 14 N73-16483 *
US-PATENT-CLASS-250-209 ..... c 14 N73-26432 *
US-PATENT-CLASS-250-209 ..... c 14 N73-28490 *
US-PATENT-CLASS-250-209 ..... c 21 N73-30640 *
US-PATENT-CLASS-250-209 ..... c 44 N81-24520 *
US-PATENT-CLASS-250-211J ..... c 09 N72-17152 *
US-PATENT-CLASS-250-211J ..... c 09 N73-14214 *
US-PATENT-CLASS-250-211J ..... c 35 N74-15090 *
US-PATENT-CLASS-250-211K .... c 74 N77-22951 *
US-PATENT-CLASS-250-211K .... c 44 N80-18552 *
US-PATENT-CLASS-250-211K .... c 08 N86-27288 *
US-PATENT-CLASS-250-211R .... c 36 N75-19652 *
US-PATENT-CLASS-250-211R .... c 35 N75-23910 *
US-PATENT-CLASS-250-212 ..... c 03 N71-23354 *
US-PATENT-CLASS-250-212 ..... c 03 N73-20040 *
US-PATENT-CLASS-250-212 ..... c 09 N73-32109 *
US-PATENT-CLASS-250-213VT .. c 74 N78-18905 *
US-PATENT-CLASS-250-214AL .. c 74 N79-12890 *
US-PATENT-CLASS-250-214A .... c 33 N77-14335 *
US-PATENT-CLASS-250-214R .... c 14 N73-28490 *
US-PATENT-CLASS-250-214R .... c 74 N79-12890 *
US-PATENT-CLASS-250-214 ..... c 14 N73-25462 *
US-PATENT-CLASS-250-214 ..... c 14 N73-25462 *
US-PATENT-CLASS-250-214 ..... c 35 N74-15090 *
US-PATENT-CLASS-250-214 ..... c 33 N82-28545 *
US-PATENT-CLASS-250-215 ..... c 14 N73-16483 *

US-PATENT-CLASS-250-216 ..... c 74 N79-34011 *
US-PATENT-CLASS-250-216 ..... c 74 N82-24072 *
US-PATENT-CLASS-250-216 ..... c 74 N89-14077 *
US-PATENT-CLASS-250-216 ..... c 74 N92-33028 *
US-PATENT-CLASS-250-217F .... c 14 N73-16484 *
US-PATENT-CLASS-250-217R .... c 14 N73-19419 *
US-PATENT-CLASS-250-217SS .. c 09 N73-14214 *
US-PATENT-CLASS-250-217SS .. c 36 N74-15145 *
US-PATENT-CLASS-250-217 ..... c 14 N69-39896 * #
US-PATENT-CLASS-250-217 ..... c 14 N73-16483 *
US-PATENT-CLASS-250-217 ..... c 36 N74-13205 *
US-PATENT-CLASS-250-218 ..... c 14 N71-22996 *
US-PATENT-CLASS-250-218 ..... c 14 N71-28994 *
US-PATENT-CLASS-250-218 ..... c 74 N78-33913 *
US-PATENT-CLASS-250-219DF .. c 91 N74-13130 *
US-PATENT-CLASS-250-219TH .. c 26 N73-26751 *
US-PATENT-CLASS-250-219 ..... c 14 N71-28993 *
US-PATENT-CLASS-250-221 ..... c 33 N82-28545 *
US-PATENT-CLASS-250-221 ..... c 74 N85-22139 *
US-PATENT-CLASS-250-225 ..... c 14 N71-24864 *
US-PATENT-CLASS-250-225 ..... c 14 N72-27409 *
US-PATENT-CLASS-250-225 ..... c 32 N86-20647 *
US-PATENT-CLASS-250-226 ..... c 14 N72-25409 *
US-PATENT-CLASS-250-226 ..... c 43 N79-17288 *
US-PATENT-CLASS-250-226 ..... c 74 N82-30071 *
US-PATENT-CLASS-250-227.21 .. c 74 N92-33017 *
US-PATENT-CLASS-250-227 ..... c 14 N71-22991 *
US-PATENT-CLASS-250-227 ..... c 14 N71-23240 *
US-PATENT-CLASS-250-227 ..... c 60 N77-14751 *
US-PATENT-CLASS-250-227 ..... c 74 N78-33913 *
US-PATENT-CLASS-250-227 ..... c 74 N83-19597 *
US-PATENT-CLASS-250-227 ..... c 74 N84-11921 *
US-PATENT-CLASS-250-227 ..... c 74 N91-21871 *
US-PATENT-CLASS-250-228 ..... c 74 N86-26190 *
US-PATENT-CLASS-250-229 ..... c 08 N73-30135 *
US-PATENT-CLASS-250-229 ..... c 74 N90-22383 *
US-PATENT-CLASS-250-231.14 .. c 74 N92-29133 *
US-PATENT-CLASS-250-231.19 .. c 74 N92-33017 *
US-PATENT-CLASS-250-231-GY .. c 74 N87-23259 *
US-PATENT-CLASS-250-231R .... c 74 N82-30071 *
US-PATENT-CLASS-250-231SE .. c 74 N74-21304 *
US-PATENT-CLASS-250-231SE .. c 44 N80-18552 *
US-PATENT-CLASS-250-231 ..... c 14 N73-20475 *
US-PATENT-CLASS-250-232 ..... c 23 N71-21821 *
US-PATENT-CLASS-250-233 ..... c 23 N71-16100 *
US-PATENT-CLASS-250-234 ..... c 03 N73-20040 *
US-PATENT-CLASS-250-235 ..... c 14 N72-11364 *
US-PATENT-CLASS-250-235 ..... c 43 N82-13465 *
US-PATENT-CLASS-250-235 ..... c 74 N82-24072 *
US-PATENT-CLASS-250-236 ..... c 21 N73-30640 *
US-PATENT-CLASS-250-236 ..... c 43 N82-13465 *
US-PATENT-CLASS-250-237G .... c 74 N79-20856 *
US-PATENT-CLASS-250-237R .... c 08 N73-30135 *
US-PATENT-CLASS-250-237R .... c 19 N74-15089 *
US-PATENT-CLASS-250-237 ..... c 14 N69-24331 * #
US-PATENT-CLASS-250-238 ..... c 33 N75-31332 *
US-PATENT-CLASS-250-238 ..... c 32 N77-28346 *
US-PATENT-CLASS-250-238 ..... c 37 N87-23982 *
US-PATENT-CLASS-250-239 ..... c 08 N73-30135 *
US-PATENT-CLASS-250-239 ..... c 74 N78-33913 *
US-PATENT-CLASS-250-251 ..... c 35 N76-15431 *
US-PATENT-CLASS-250-251 ..... c 35 N84-33767 *
US-PATENT-CLASS-250-251 ..... c 72 N87-21661 *
US-PATENT-CLASS-250-251 ..... c 72 N88-24253 *
US-PATENT-CLASS-250-252.1 .... c 35 N84-33767 *
US-PATENT-CLASS-250-252 ..... c 72 N88-29169 *
US-PATENT-CLASS-250-253 ..... c 43 N79-31706 *
US-PATENT-CLASS-250-272 ..... c 74 N78-15880 *
US-PATENT-CLASS-250-272 ..... c 43 N79-31706 *
US-PATENT-CLASS-250-277CH .. c 76 N78-24950 *
US-PATENT-CLASS-250-277CH .. c 74 N80-21140 *
US-PATENT-CLASS-250-280 ..... c 76 N78-24950 *
US-PATENT-CLASS-250-280 ..... c 74 N80-21140 *
US-PATENT-CLASS-250-281 ..... c 35 N74-34857 *
US-PATENT-CLASS-250-281 ..... c 35 N76-16393 *
US-PATENT-CLASS-250-281 ..... c 36 N77-26477 *
US-PATENT-CLASS-250-281 ..... c 72 N80-14877 *
US-PATENT-CLASS-250-281 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-282 ..... c 36 N77-26477 *
US-PATENT-CLASS-250-282 ..... c 72 N80-14877 *
US-PATENT-CLASS-250-282 ..... c 35 N83-27184 *
US-PATENT-CLASS-250-282 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-283 ..... c 36 N77-26477 *
US-PATENT-CLASS-250-286 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-287 ..... c 35 N76-15431 *
US-PATENT-CLASS-250-287 ..... c 35 N76-16393 *
US-PATENT-CLASS-250-287 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-288 ..... c 35 N76-16393 *
US-PATENT-CLASS-250-288 ..... c 35 N77-32456 *
US-PATENT-CLASS-250-288 ..... c 35 N83-27184 *
US-PATENT-CLASS-250-288 ..... c 72 N87-21660 *
US-PATENT-CLASS-250-288 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-289 ..... c 35 N77-14406 *
US-PATENT-CLASS-250-290 ..... c 35 N77-10492 *
US-PATENT-CLASS-250-291 ..... c 35 N77-10492 *
US-PATENT-CLASS-250-295 ..... c 35 N74-34857 *

US-PATENT-CLASS-250-296 ..... c 35 N84-28016 *
US-PATENT-CLASS-250-298 ..... c 35 N77-14406 *
US-PATENT-CLASS-250-304 ..... c 25 N74-26947 *
US-PATENT-CLASS-250-305 ..... c 72 N84-28575 *
US-PATENT-CLASS-250-305 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-306 ..... c 72 N91-27936 *
US-PATENT-CLASS-250-307 ..... c 25 N80-20334 *
US-PATENT-CLASS-250-307 ..... c 72 N91-27936 *
US-PATENT-CLASS-250-308 ..... c 25 N80-20334 *
US-PATENT-CLASS-250-310 ..... c 35 N78-10429 *
US-PATENT-CLASS-250-310 ..... c 33 N80-14332 *
US-PATENT-CLASS-250-310 ..... c 35 N90-20351 *
US-PATENT-CLASS-250-311 ..... c 33 N83-18996 *
US-PATENT-CLASS-250-320 ..... c 74 N78-15880 *
US-PATENT-CLASS-250-322 ..... c 35 N78-15461 *
US-PATENT-CLASS-250-327.2 .... c 74 N91-14835 *
US-PATENT-CLASS-250-330 ..... c 44 N82-32841 *
US-PATENT-CLASS-250-332 ..... c 35 N75-19613 *
US-PATENT-CLASS-250-332 ..... c 31 N78-25256 *
US-PATENT-CLASS-250-332 ..... c 35 N82-31659 *
US-PATENT-CLASS-250-332 ..... c 74 N83-19597 *
US-PATENT-CLASS-250-332 ..... c 74 N84-28590 *
US-PATENT-CLASS-250-335 ..... c 34 N76-18374 *
US-PATENT-CLASS-250-336.1 .... c 72 N86-33127 *
US-PATENT-CLASS-250-336 ..... c 14 N73-28488 *
US-PATENT-CLASS-250-336 ..... c 35 N76-15433 *
US-PATENT-CLASS-250-336 ..... c 33 N76-27473 *
US-PATENT-CLASS-250-336 ..... c 35 N78-13400 *
US-PATENT-CLASS-250-338.1 .... c 35 N91-14588 *
US-PATENT-CLASS-250-338.2 .... c 35 N91-14588 *
US-PATENT-CLASS-250-338 ..... c 35 N74-18088 *
US-PATENT-CLASS-250-338 ..... c 35 N77-10493 *
US-PATENT-CLASS-250-338 ..... c 47 N77-10753 *
US-PATENT-CLASS-250-338 ..... c 35 N80-26635 *
US-PATENT-CLASS-250-338 ..... c 35 N83-21311 *
US-PATENT-CLASS-250-338 ..... c 74 N84-28590 *
US-PATENT-CLASS-250-338 ..... c 72 N86-33127 *
US-PATENT-CLASS-250-338 ..... c 76 N87-13313 *
US-PATENT-CLASS-250-339 ..... c 35 N77-10493 *
US-PATENT-CLASS-250-339 ..... c 47 N77-10753 *
US-PATENT-CLASS-250-339 ..... c 35 N84-33766 *
US-PATENT-CLASS-250-339 ..... c 36 N85-21631 *
US-PATENT-CLASS-250-339 ..... c 36 N85-29264 *
US-PATENT-CLASS-250-339 ..... c 36 N87-28006 *
US-PATENT-CLASS-250-340 ..... c 35 N76-29551 *
US-PATENT-CLASS-250-340 ..... c 74 N83-19597 *
US-PATENT-CLASS-250-340 ..... c 72 N86-33127 *
US-PATENT-CLASS-250-341 ..... c 32 N87-21206 *
US-PATENT-CLASS-250-343 ..... c 35 N74-11284 *
US-PATENT-CLASS-250-343 ..... c 25 N74-26947 *
US-PATENT-CLASS-250-343 ..... c 45 N75-27585 *
US-PATENT-CLASS-250-343 ..... c 74 N76-20958 *
US-PATENT-CLASS-250-343 ..... c 25 N76-22323 *
US-PATENT-CLASS-250-343 ..... c 35 N77-14411 *
US-PATENT-CLASS-250-343 ..... c 35 N78-13400 *
US-PATENT-CLASS-250-343 ..... c 25 N81-14015 *
US-PATENT-CLASS-250-343 ..... c 35 N84-34705 *
US-PATENT-CLASS-250-343 ..... c 36 N85-21631 *
US-PATENT-CLASS-250-343 ..... c 36 N87-28006 *
US-PATENT-CLASS-250-344 ..... c 25 N76-22323 *
US-PATENT-CLASS-250-344 ..... c 74 N78-17867 *
US-PATENT-CLASS-250-345 ..... c 45 N75-27585 *
US-PATENT-CLASS-250-347 ..... c 35 N77-10493 *
US-PATENT-CLASS-250-347 ..... c 47 N77-10753 *
US-PATENT-CLASS-250-347 ..... c 74 N80-33210 *
US-PATENT-CLASS-250-350 ..... c 25 N81-25159 *
US-PATENT-CLASS-250-350 ..... c 74 N83-19597 *
US-PATENT-CLASS-250-351 ..... c 35 N75-30502 *
US-PATENT-CLASS-250-351 ..... c 35 N78-13400 *
US-PATENT-CLASS-250-351 ..... c 74 N83-19597 *
US-PATENT-CLASS-250-351 ..... c 35 N84-34705 *
US-PATENT-CLASS-250-352 ..... c 31 N79-17029 *
US-PATENT-CLASS-250-352 ..... c 34 N79-20336 *
US-PATENT-CLASS-250-352 ..... c 35 N80-26635 *
US-PATENT-CLASS-250-352 ..... c 74 N80-33210 *
US-PATENT-CLASS-250-352 ..... c 37 N87-23982 *
US-PATENT-CLASS-250-353 ..... c 35 N76-29551 *
US-PATENT-CLASS-250-353 ..... c 35 N80-26635 *
US-PATENT-CLASS-250-353 ..... c 74 N80-33210 *
US-PATENT-CLASS-250-356.1 .... c 47 N84-28292 *
US-PATENT-CLASS-250-356.1 .... c 35 N91-31608 *
US-PATENT-CLASS-250-358.1 .... c 72 N91-27936 *
US-PATENT-CLASS-250-359 ..... c 37 N75-26372 *
US-PATENT-CLASS-250-360 ..... c 35 N74-15091 *
US-PATENT-CLASS-250-361 ..... c 35 N74-15091 *
US-PATENT-CLASS-250-363R .... c 52 N77-14737 *
US-PATENT-CLASS-250-363R .... c 74 N79-20857 *
US-PATENT-CLASS-250-363R .... c 74 N84-11920 *
US-PATENT-CLASS-250-363S .... c 74 N84-11920 *
US-PATENT-CLASS-250-363S .... c 35 N85-30281 *
US-PATENT-CLASS-250-367 ..... c 35 N84-33765 *
US-PATENT-CLASS-250-368 ..... c 74 N81-24900 *
US-PATENT-CLASS-250-368 ..... c 74 N84-11920 *
US-PATENT-CLASS-250-369 ..... c 35 N74-15091 *
US-PATENT-CLASS-250-369 ..... c 35 N82-32659 *
US-PATENT-CLASS-250-369 ..... c 35 N85-30281 *

US-PATENT-CLASS-250-370.12 .. c 35 N91-14588 *
US-PATENT-CLASS-250-370.13 .. c 35 N91-14588 *
US-PATENT-CLASS-250-370 ..... c 35 N74-18088 *
US-PATENT-CLASS-250-370 ..... c 33 N75-31332 *
US-PATENT-CLASS-250-370 ..... c 35 N82-31659 *
US-PATENT-CLASS-250-370 ..... c 44 N82-32841 *
US-PATENT-CLASS-250-370 ..... c 76 N87-13313 *
US-PATENT-CLASS-250-371 ..... c 35 N74-18088 *
US-PATENT-CLASS-250-372 ..... c 19 N74-29410 *
US-PATENT-CLASS-250-372 ..... c 24 N76-24363 *
US-PATENT-CLASS-250-372 ..... c 33 N76-27473 *
US-PATENT-CLASS-250-372 ..... c 35 N83-21311 *
US-PATENT-CLASS-250-372 ..... c 35 N84-33767 *
US-PATENT-CLASS-250-373 ..... c 25 N74-26947 *
US-PATENT-CLASS-250-373 ..... c 35 N75-30502 *
US-PATENT-CLASS-250-373 ..... c 45 N76-17656 *
US-PATENT-CLASS-250-373 ..... c 36 N87-28006 *
US-PATENT-CLASS-250-374 ..... c 35 N74-26949 *
US-PATENT-CLASS-250-374 ..... c 35 N85-34374 *
US-PATENT-CLASS-250-379 ..... c 35 N85-34374 *
US-PATENT-CLASS-250-385 ..... c 35 N74-26949 *
US-PATENT-CLASS-250-385 ..... c 35 N75-27331 *
US-PATENT-CLASS-250-385 ..... c 35 N76-15433 *
US-PATENT-CLASS-250-385 ..... c 35 N76-16393 *
US-PATENT-CLASS-250-385 ..... c 35 N82-24471 *
US-PATENT-CLASS-250-385 ..... c 35 N84-33765 *
US-PATENT-CLASS-250-386 ..... c 35 N82-24471 *
US-PATENT-CLASS-250-388 ..... c 33 N83-24763 *
US-PATENT-CLASS-250-389 ..... c 35 N82-24471 *
US-PATENT-CLASS-250-394 ..... c 14 N73-30392 *
US-PATENT-CLASS-250-394 ..... c 19 N74-29410 *
US-PATENT-CLASS-250-396-ML c 35 N90-20351 *
US-PATENT-CLASS-250-396-R ... c 72 N87-21661 *
US-PATENT-CLASS-250-396-R ... c 35 N90-20351 *
US-PATENT-CLASS-250-396 ..... c 35 N77-14408 *
US-PATENT-CLASS-250-397 ..... c 72 N89-29169 *
US-PATENT-CLASS-250-398 ..... c 35 N78-10429 *
US-PATENT-CLASS-250-400 ..... c 25 N76-29379 *
US-PATENT-CLASS-250-400 ..... c 25 N78-27226 *
US-PATENT-CLASS-250-41.9D ... c 14 N72-29464 *
US-PATENT-CLASS-250-41.9G ... c 14 N73-12444 *
US-PATENT-CLASS-250-41.9S .... c 14 N73-12444 *
US-PATENT-CLASS-250-41.95 .... c 14 N71-28992 *
US-PATENT-CLASS-250-41.9 ..... c 06 N71-13461 *
US-PATENT-CLASS-250-41.9 ..... c 24 N71-16095 *
US-PATENT-CLASS-250-41.9 ..... c 14 N71-23041 *
US-PATENT-CLASS-250-41.9 ..... c 14 N71-28863 *
US-PATENT-CLASS-250-41.9 ..... c 14 N72-17328 *
US-PATENT-CLASS-250-41.9 ..... c 14 N73-32325 *
US-PATENT-CLASS-250-416TV .. c 35 N78-15461 *
US-PATENT-CLASS-250-423-P ... c 72 N87-21661 *
US-PATENT-CLASS-250-423-P ... c 25 N88-24732 *
US-PATENT-CLASS-250-423-R ... c 33 N87-21234 *
US-PATENT-CLASS-250-423-R ... c 72 N87-21660 *
US-PATENT-CLASS-250-423-R ... c 72 N88-24253 *
US-PATENT-CLASS-250-423P ..... c 36 N77-26477 *
US-PATENT-CLASS-250-423P ..... c 25 N78-25148 *
US-PATENT-CLASS-250-423P ..... c 72 N80-14877 *
US-PATENT-CLASS-250-423 ..... c 35 N76-15431 *
US-PATENT-CLASS-250-423 ..... c 35 N76-16393 *
US-PATENT-CLASS-250-423 ..... c 35 N83-27184 *
US-PATENT-CLASS-250-423 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-424 ..... c 72 N87-21660 *
US-PATENT-CLASS-250-426 ..... c 33 N85-21491 *
US-PATENT-CLASS-250-427 ..... c 72 N80-27163 *
US-PATENT-CLASS-250-427 ..... c 72 N87-21660 *
US-PATENT-CLASS-250-427 ..... c 72 N88-24253 *
US-PATENT-CLASS-250-427 ..... c 25 N88-24732 *
US-PATENT-CLASS-250-429 ..... c 25 N76-29379 *
US-PATENT-CLASS-250-429 ..... c 25 N78-27226 *
US-PATENT-CLASS-250-43.5FC . c 14 N72-11365 *
US-PATENT-CLASS-250-43.5R ... c 14 N71-27090 *
US-PATENT-CLASS-250-43.5R ... c 14 N72-21408 *
US-PATENT-CLASS-250-43.5R ... c 06 N72-25146 *
US-PATENT-CLASS-250-43.5R ... c 06 N72-31141 *
US-PATENT-CLASS-250-43.5 ..... c 27 N71-16348 *
US-PATENT-CLASS-250-43.5 ..... c 15 N71-24896 *
US-PATENT-CLASS-250-43.5 ..... c 14 N71-25901 *
US-PATENT-CLASS-250-432R .... c 25 N76-22323 *
US-PATENT-CLASS-250-432 ..... c 45 N75-27585 *
US-PATENT-CLASS-250-444 ..... c 52 N77-14737 *
US-PATENT-CLASS-250-457 ..... c 35 N80-28686 *
US-PATENT-CLASS-250-459.1 .... c 35 N90-22770 *
US-PATENT-CLASS-250-460 ..... c 37 N75-26372 *
US-PATENT-CLASS-250-461.1 .... c 35 N90-22770 *
US-PATENT-CLASS-250-474.1 .... c 35 N83-21311 *
US-PATENT-CLASS-250-475 ..... c 35 N79-10389 *
US-PATENT-CLASS-250-483.1 .... c 35 N84-33765 *
US-PATENT-CLASS-250-483 ..... c 74 N79-20857 *
US-PATENT-CLASS-250-483 ..... c 74 N81-24900 *
US-PATENT-CLASS-250-484.1 .... c 74 N91-14835 *
US-PATENT-CLASS-250-489 ..... c 35 N76-15433 *
US-PATENT-CLASS-250-49.5B ... c 24 N72-11595 *
US-PATENT-CLASS-250-49.5TE . c 24 N72-11595 *
US-PATENT-CLASS-250-49.5 ..... c 14 N69-39982 * #
US-PATENT-CLASS-250-49.5 ..... c 14 N71-28863 *
US-PATENT-CLASS-250-49.5 ..... c 14 N72-17328 *
US-PATENT-CLASS-250-491 ..... c 35 N80-28686 *
US-PATENT-CLASS-250-492A .... c 33 N80-14332 *
US-PATENT-CLASS-250-492B .... c 25 N78-27226 *
US-PATENT-CLASS-250-492R .... c 25 N76-29379 *
US-PATENT-CLASS-250-492R .... c 28 N78-24365 *
US-PATENT-CLASS-250-492 ..... c 35 N74-15091 *
US-PATENT-CLASS-250-492 ..... c 37 N75-26372 *
US-PATENT-CLASS-250-493.1 .... c 35 N91-14588 *
US-PATENT-CLASS-250-493 ..... c 73 N75-30876 *
US-PATENT-CLASS-250-495 ..... c 74 N75-12732 *
US-PATENT-CLASS-250-496 ..... c 73 N75-30876 *
US-PATENT-CLASS-250-498 ..... c 52 N77-14737 *
US-PATENT-CLASS-250-499 ..... c 73 N74-26767 *
US-PATENT-CLASS-250-499 ..... c 72 N76-15860 *
US-PATENT-CLASS-250-499 ..... c 37 N78-13436 *
US-PATENT-CLASS-250-500 ..... c 72 N76-15860 *
US-PATENT-CLASS-250-505 ..... c 74 N74-27866 *
US-PATENT-CLASS-250-505 ..... c 35 N75-19616 *
US-PATENT-CLASS-250-508 ..... c 35 N75-19616 *
US-PATENT-CLASS-250-51.5 ..... c 23 N73-13662 *
US-PATENT-CLASS-250-51.5 ..... c 14 N73-28491 *
US-PATENT-CLASS-250-510 ..... c 35 N75-19616 *
US-PATENT-CLASS-250-511 ..... c 74 N74-27866 *
US-PATENT-CLASS-250-513 ..... c 35 N80-28686 *
US-PATENT-CLASS-250-518 ..... c 14 N73-30392 *
US-PATENT-CLASS-250-51 ..... c 24 N72-11595 *
US-PATENT-CLASS-250-527 ..... c 37 N76-18458 *
US-PATENT-CLASS-250-527 ..... c 25 N77-32255 *
US-PATENT-CLASS-250-527 ..... c 44 N77-32580 *
US-PATENT-CLASS-250-527 ..... c 44 N79-11470 *
US-PATENT-CLASS-250-527 ..... c 44 N82-16475 *
US-PATENT-CLASS-250-528 ..... c 25 N78-25148 *
US-PATENT-CLASS-250-52 ..... c 15 N71-15606 *
US-PATENT-CLASS-250-52 ..... c 11 N71-23042 *
US-PATENT-CLASS-250-52 ..... c 24 N72-11595 *
US-PATENT-CLASS-250-52 ..... c 23 N73-13662 *
US-PATENT-CLASS-250-531 ..... c 25 N78-25148 *
US-PATENT-CLASS-250-531 ..... c 33 N79-15245 *
US-PATENT-CLASS-250-540 ..... c 33 N79-15245 *
US-PATENT-CLASS-250-541 ..... c 33 N79-15245 *
US-PATENT-CLASS-250-551 ..... c 74 N79-34011 *
US-PATENT-CLASS-250-563 ..... c 38 N78-17396 *
US-PATENT-CLASS-250-566 ..... c 74 N75-25706 *
US-PATENT-CLASS-250-571 ..... c 36 N78-14380 *
US-PATENT-CLASS-250-572 ..... c 38 N78-17395 *
US-PATENT-CLASS-250-572 ..... c 38 N78-17396 *
US-PATENT-CLASS-250-573 ..... c 74 N76-20958 *
US-PATENT-CLASS-250-573 ..... c 34 N83-31993 *
US-PATENT-CLASS-250-574 ..... c 45 N76-21742 *
US-PATENT-CLASS-250-574 ..... c 36 N77-25501 *
US-PATENT-CLASS-250-576 ..... c 35 N74-27860 *
US-PATENT-CLASS-250-578 ..... c 36 N75-19652 *
US-PATENT-CLASS-250-65F ..... c 15 N72-25452 *
US-PATENT-CLASS-250-65R ..... c 14 N73-30389 *
US-PATENT-CLASS-250-71.5R ... c 14 N72-29464 *
US-PATENT-CLASS-250-71.5 ..... c 14 N72-17328 *
US-PATENT-CLASS-250-71R ..... c 06 N73-16106 *
US-PATENT-CLASS-250-71 ..... c 14 N70-41676 *
US-PATENT-CLASS-250-83.3H ... c 14 N72-21408 *
US-PATENT-CLASS-250-83.3H ... c 14 N72-24477 *
US-PATENT-CLASS-250-83.3H ... c 14 N73-12445 *
US-PATENT-CLASS-250-83.3H ... c 14 N73-20475 *
US-PATENT-CLASS-250-83.3H ... c 14 N73-25462 *
US-PATENT-CLASS-250-83.3R ... c 14 N73-12445 *
US-PATENT-CLASS-250-83.3R ... c 14 N73-20477 *
US-PATENT-CLASS-250-83.3R ... c 14 N73-32317 *
US-PATENT-CLASS-250-83.3UV . c 10 N72-17173 *
US-PATENT-CLASS-250-83.3UV . c 14 N72-25409 *
US-PATENT-CLASS-250-83.3UV . c 06 N73-16106 *
US-PATENT-CLASS-250-83.3 ..... c 21 N70-33181 *
US-PATENT-CLASS-250-83.3 ..... c 21 N70-34297 *
US-PATENT-CLASS-250-83.3 ..... c 14 N71-15599 *
US-PATENT-CLASS-250-83.3 ..... c 14 N71-18699 *
US-PATENT-CLASS-250-83.3 ..... c 14 N71-21088 *
US-PATENT-CLASS-250-83.3 ..... c 09 N71-22985 *
US-PATENT-CLASS-250-83.3 ..... c 14 N71-25901 *
US-PATENT-CLASS-250-83.3 ..... c 14 N71-26475 *
US-PATENT-CLASS-250-83.3 ..... c 14 N71-27323 *
US-PATENT-CLASS-250-83.3 ..... c 14 N72-17328 *
US-PATENT-CLASS-250-83.3 ..... c 35 N75-27329 *
US-PATENT-CLASS-250-83.6R ... c 14 N71-27090 *
US-PATENT-CLASS-250-83.6R ... c 14 N72-20381 *
US-PATENT-CLASS-250-83.6R ... c 25 N72-33696 *
US-PATENT-CLASS-250-83.6R ... c 74 N81-19898 *
US-PATENT-CLASS-250-83.6 ..... c 10 N70-41991 *
US-PATENT-CLASS-250-83CD .... c 91 N74-13130 *
US-PATENT-CLASS-250-83R ..... c 14 N73-12445 *
US-PATENT-CLASS-250-83R ..... c 14 N73-20477 *
US-PATENT-CLASS-250-83 ..... c 14 N69-27484 * #
US-PATENT-CLASS-250-83 ..... c 14 N69-39937 * #
US-PATENT-CLASS-250-83 ..... c 09 N71-18830 *
US-PATENT-CLASS-250-83 ..... c 05 N71-19440 *
US-PATENT-CLASS-250-83 ..... c 14 N71-20430 *
US-PATENT-CLASS-250-83 ..... c 14 N71-23401 *
US-PATENT-CLASS-250-83 ..... c 09 N71-27232 *
US-PATENT-CLASS-250-84 ..... c 14 N71-24809 *
US-PATENT-CLASS-251-118 ..... c 15 N71-18580 *
US-PATENT-CLASS-251-11 ..... c 15 N70-35407 *
US-PATENT-CLASS-251-120 ..... c 37 N74-21065 *
US-PATENT-CLASS-251-121 ..... c 15 N71-18580 *
US-PATENT-CLASS-251-122 ..... c 15 N73-13462 *
US-PATENT-CLASS-251-122 ..... c 37 N74-21065 *
US-PATENT-CLASS-251-127 ..... c 12 N71-18615 *
US-PATENT-CLASS-251-127 ..... c 44 N84-14583 *
US-PATENT-CLASS-251-129.15 .. c 37 N87-25573 *
US-PATENT-CLASS-251-129.15 .. c 34 N91-27504 *
US-PATENT-CLASS-251-129 ..... c 15 N72-20442 *
US-PATENT-CLASS-251-138 ..... c 37 N80-23654 *
US-PATENT-CLASS-251-148 ..... c 15 N71-23024 *
US-PATENT-CLASS-251-148 ..... c 34 N91-27504 *
US-PATENT-CLASS-251-149.6 .... c 37 N76-14463 *
US-PATENT-CLASS-251-149.9 .... c 37 N79-11402 *
US-PATENT-CLASS-251-160 ..... c 37 N91-14609 *
US-PATENT-CLASS-251-163 ..... c 37 N91-14609 *
US-PATENT-CLASS-251-165 ..... c 37 N87-21332 *
US-PATENT-CLASS-251-172 ..... c 15 N71-21234 *
US-PATENT-CLASS-251-172 ..... c 37 N79-33469 *
US-PATENT-CLASS-251-173 ..... c 15 N70-33376 *
US-PATENT-CLASS-251-175 ..... c 37 N87-25573 *
US-PATENT-CLASS-251-205 ..... c 34 N91-27504 *
US-PATENT-CLASS-251-210 ..... c 37 N74-21065 *
US-PATENT-CLASS-251-212 ..... c 34 N91-14563 *
US-PATENT-CLASS-251-216 ..... c 37 N81-17433 *
US-PATENT-CLASS-251-265 ..... c 37 N85-20338 *
US-PATENT-CLASS-251-267 ..... c 37 N85-20338 *
US-PATENT-CLASS-251-284 ..... c 37 N85-20338 *
US-PATENT-CLASS-251-297 ..... c 37 N85-20338 *
US-PATENT-CLASS-251-31 ..... c 15 N71-19485 *
US-PATENT-CLASS-251-325 ..... c 37 N85-29284 *
US-PATENT-CLASS-251-326 ..... c 34 N91-27504 *
US-PATENT-CLASS-251-331 ..... c 15 N72-31483 *
US-PATENT-CLASS-251-333 ..... c 15 N70-34859 *
US-PATENT-CLASS-251-333 ..... c 12 N71-18615 *
US-PATENT-CLASS-251-333 ..... c 15 N72-20442 *
US-PATENT-CLASS-251-333 ..... c 37 N75-25185 *
US-PATENT-CLASS-251-339 ..... c 37 N81-17433 *
US-PATENT-CLASS-251-342 ..... c 12 N71-18615 *
US-PATENT-CLASS-251-349 ..... c 37 N85-29284 *
US-PATENT-CLASS-251-353 ..... c 37 N85-29284 *
US-PATENT-CLASS-251-358 ..... c 15 N71-17648 *
US-PATENT-CLASS-251-360 ..... c 15 N72-25451 *
US-PATENT-CLASS-251-363 ..... c 34 N91-27504 *
US-PATENT-CLASS-251-61.1 ..... c 12 N71-18615 *
US-PATENT-CLASS-251-61 ..... c 15 N71-10778 *
US-PATENT-CLASS-251-7 ..... c 37 N79-28550 *
US-PATENT-CLASS-251-86 ..... c 15 N72-31483 *
US-PATENT-CLASS-251-86 ..... c 37 N80-23654 *
US-PATENT-CLASS-252-DIG.13 . c 54 N92-29137 *
US-PATENT-CLASS-252-DIG.14 . c 54 N92-29137 *
US-PATENT-CLASS-252-DIG.5 .... c 54 N92-29137 *
US-PATENT-CLASS-252-12.2 ..... c 24 N79-17916 *
US-PATENT-CLASS-252-12 ..... c 15 N71-23810 *
US-PATENT-CLASS-252-12 ..... c 24 N76-22309 *
US-PATENT-CLASS-252-182.1 .... c 33 N84-14422 *
US-PATENT-CLASS-252-26 ..... c 15 N71-21403 *
US-PATENT-CLASS-252-26 ..... c 15 N71-24046 *
US-PATENT-CLASS-252-2 ..... c 25 N83-36118 *
US-PATENT-CLASS-252-300 ..... c 14 N72-22443 *
US-PATENT-CLASS-252-300 ..... c 24 N76-24363 *
US-PATENT-CLASS-252-301.1R . c 35 N79-10389 *
US-PATENT-CLASS-252-301.16 .. c 35 N79-10389 *
US-PATENT-CLASS-252-301.2 .... c 18 N71-27170 *
US-PATENT-CLASS-252-301.4 .... c 06 N73-30097 *
US-PATENT-CLASS-252-305 ..... c 06 N73-30097 *
US-PATENT-CLASS-252-359A .... c 37 N77-13418 *
US-PATENT-CLASS-252-361 ..... c 71 N83-35781 *
US-PATENT-CLASS-252-364 ..... c 28 N81-15119 *
US-PATENT-CLASS-252-373 ..... c 44 N76-29704 *
US-PATENT-CLASS-252-373 ..... c 44 N77-10636 *
US-PATENT-CLASS-252-408 ..... c 14 N73-14428 *
US-PATENT-CLASS-252-422 ..... c 45 N82-11634 *
US-PATENT-CLASS-252-431N .... c 06 N73-32029 *
US-PATENT-CLASS-252-431R .... c 06 N73-32029 *
US-PATENT-CLASS-252-472 ..... c 25 N78-10225 *
US-PATENT-CLASS-252-500 ..... c 27 N92-16121 *
US-PATENT-CLASS-252-502 ..... c 27 N92-10090 *
US-PATENT-CLASS-252-502 ..... c 24 N92-16025 *
US-PATENT-CLASS-252-510 ..... c 24 N91-15320 *
US-PATENT-CLASS-252-514 ..... c 05 N72-25120 *
US-PATENT-CLASS-252-514 ..... c 44 N79-31752 *
US-PATENT-CLASS-252-514 ..... c 25 N82-26396 *
US-PATENT-CLASS-252-518 ..... c 24 N79-14156 *
US-PATENT-CLASS-252-518 ..... c 27 N92-16121 *
US-PATENT-CLASS-252-545 ..... c 54 N92-29137 *
US-PATENT-CLASS-252-547 ..... c 54 N92-29137 *
US-PATENT-CLASS-252-549 ..... c 23 N75-14834 *
US-PATENT-CLASS-252-58 ..... c 18 N70-39897 *
US-PATENT-CLASS-252-5 ..... c 25 N83-33977 *
US-PATENT-CLASS-252-5 ..... c 25 N83-36118 *
US-PATENT-CLASS-252-62.2 ..... c 33 N91-14536 *
US-PATENT-CLASS-252-62.2 ..... c 33 N92-28753 *

US-PATENT-CLASS-252-62.3E .... c 44 N80-24741 *
US-PATENT-CLASS-252-62.3E .... c 44 N81-19558 *
US-PATENT-CLASS-252-62.3GA c 25 N75-26043 *
US-PATENT-CLASS-252-62.3 ..... c 26 N71-23292 *
US-PATENT-CLASS-252-62.3 ..... c 76 N76-25049 *
US-PATENT-CLASS-252-62 ..... c 27 N74-27037 *
US-PATENT-CLASS-252-70 ..... c 23 N75-14834 *
US-PATENT-CLASS-252-79.2 ..... c 25 N92-25399 * #
US-PATENT-CLASS-252-79.4 ..... c 25 N92-25399 * #
US-PATENT-CLASS-252-8.1 ..... c 18 N73-26572 *
US-PATENT-CLASS-252-8.1 ..... c 27 N74-27037 *
US-PATENT-CLASS-252-8.1 ..... c 24 N78-14096 *
US-PATENT-CLASS-253-317 ..... c 44 N77-22606 *
US-PATENT-CLASS-253-39.15 .... c 15 N70-33226 *
US-PATENT-CLASS-253-39.15 .... c 15 N70-33264 *
US-PATENT-CLASS-253-39.15 .... c 28 N70-33372 *
US-PATENT-CLASS-253-39.1 ..... c 33 N71-29152 *
US-PATENT-CLASS-253-66 ..... c 15 N70-36412 *
US-PATENT-CLASS-253-66 ..... c 28 N70-39895 *
US-PATENT-CLASS-253-77 ..... c 28 N71-28928 *
US-PATENT-CLASS-253-77 ..... c 28 N71-29154 *
US-PATENT-CLASS-253 ..... c 25 N79-28253 *
US-PATENT-CLASS-254-101 ..... c 37 N91-21543 *
US-PATENT-CLASS-254-124 ..... c 20 N76-22296 *
US-PATENT-CLASS-254-131 ..... c 60 N82-24839 *
US-PATENT-CLASS-254-150 ..... c 15 N71-24599 *
US-PATENT-CLASS-254-156 ..... c 15 N73-25512 *
US-PATENT-CLASS-254-158 ..... c 54 N77-21844 *
US-PATENT-CLASS-254-173 ..... c 15 N71-24599 *
US-PATENT-CLASS-254-186 ..... c 15 N71-24599 *
US-PATENT-CLASS-254-190 ..... c 15 N72-25453 *
US-PATENT-CLASS-254-29A ..... c 15 N73-30457 *
US-PATENT-CLASS-254-93-H .... c 35 N88-24927 *
US-PATENT-CLASS-254-93-R .... c 35 N88-24927 *
US-PATENT-CLASS-254-93R ..... c 35 N74-13129 *
US-PATENT-CLASS-254-93R ..... c 20 N76-22296 *
US-PATENT-CLASS-256-13.1 ..... c 37 N79-10420 *
US-PATENT-CLASS-256-1 ..... c 37 N79-10420 *
US-PATENT-CLASS-256-308.2 .... c 27 N86-20561 *
US-PATENT-CLASS-256-59 ..... c 37 N92-29092 *
US-PATENT-CLASS-259-DIG.18 . c 35 N74-15093 *
US-PATENT-CLASS-259-4AC ..... c 37 N76-19436 *
US-PATENT-CLASS-259-4 ..... c 15 N73-19458 *
US-PATENT-CLASS-259-60 ..... c 35 N74-15093 *
US-PATENT-CLASS-259-71 ..... c 15 N71-21177 *
US-PATENT-CLASS-259-72 ..... c 37 N74-18123 *
US-PATENT-CLASS-259-98 ..... c 35 N74-15126 *
US-PATENT-CLASS-259/4R ..... c 34 N77-24423 *
US-PATENT-CLASS-260.46.5E .... c 27 N74-21156 *
US-PATENT-CLASS-260-DIG.15 . c 27 N78-14164 *
US-PATENT-CLASS-260-DIG.24 . c 27 N74-27037 *
US-PATENT-CLASS-260-DIG.24 . c 27 N76-24405 *
US-PATENT-CLASS-260-DIG.29 . c 27 N80-24438 *
US-PATENT-CLASS-260-17.2 ..... c 24 N80-26388 *
US-PATENT-CLASS-260-17.2 ..... c 24 N81-13999 *
US-PATENT-CLASS-260-17.4UC . c 23 N81-29160 *
US-PATENT-CLASS-260-17A ..... c 27 N81-14076 *
US-PATENT-CLASS-260-18S ..... c 06 N72-25151 *
US-PATENT-CLASS-260-2.1E ..... c 18 N72-22567 *
US-PATENT-CLASS-260-2.1E ..... c 27 N81-14076 *
US-PATENT-CLASS-260-2.1E ..... c 25 N81-19244 *
US-PATENT-CLASS-260-2.1 ..... c 25 N81-17187 *
US-PATENT-CLASS-260-2.2R ..... c 25 N81-17187 *
US-PATENT-CLASS-260-2.2R ..... c 25 N81-19244 *
US-PATENT-CLASS-260-2.5AK ... c 27 N76-15310 *
US-PATENT-CLASS-260-2.5AK ... c 24 N78-24290 *
US-PATENT-CLASS-260-2.5AM .. c 27 N74-12812 *
US-PATENT-CLASS-260-2.5AM .. c 27 N77-31308 *
US-PATENT-CLASS-260-2.5AP ... c 24 N78-24290 *
US-PATENT-CLASS-260-2.5AY ... c 27 N77-31308 *
US-PATENT-CLASS-260-2.5A ..... c 27 N77-31308 *
US-PATENT-CLASS-260-2.5BE ... c 24 N78-24290 *
US-PATENT-CLASS-260-2.5B ..... c 24 N78-24290 *
US-PATENT-CLASS-260-2.5EP ... c 24 N78-24290 *
US-PATENT-CLASS-260-2.5FP ... c 06 N72-25147 *
US-PATENT-CLASS-260-2.5FP ... c 27 N74-27037 *
US-PATENT-CLASS-260-2.5FP ... c 24 N78-24290 *
US-PATENT-CLASS-260-2.5F ..... c 18 N73-13562 *
US-PATENT-CLASS-260-2.5L ..... c 27 N74-12814 *
US-PATENT-CLASS-260-2.5N ..... c 24 N78-15180 *
US-PATENT-CLASS-260-2.5N ..... c 27 N78-31232 *
US-PATENT-CLASS-260-2.5R ..... c 27 N74-27037 *
US-PATENT-CLASS-260-2.5R ..... c 24 N78-15180 *
US-PATENT-CLASS-260-2.5 ..... c 06 N71-11242 *
US-PATENT-CLASS-260-2.5 ..... c 06 N71-24739 *
US-PATENT-CLASS-260-2.5 ..... c 06 N71-25929 *
US-PATENT-CLASS-260-2.5 ..... c 18 N71-26155 *
US-PATENT-CLASS-260-2.5 ..... c 06 N72-25150 *
US-PATENT-CLASS-260-2P ..... c 27 N78-32256 *
US-PATENT-CLASS-260-2R ..... c 37 N74-18126 *
US-PATENT-CLASS-260-2R ..... c 27 N74-27037 *
US-PATENT-CLASS-260-2R ..... c 27 N78-15276 *
US-PATENT-CLASS-260-211.5 .... c 06 N72-25149 *
US-PATENT-CLASS-260-240G .... c 27 N76-32315 *
US-PATENT-CLASS-260-245.75 .. c 27 N86-19455 *
US-PATENT-CLASS-260-245.9 .... c 27 N86-19455 *
US-PATENT-CLASS-260-28.5 ..... c 27 N78-33228 *
US-PATENT-CLASS-260-29.1R ... c 24 N78-24290 *
US-PATENT-CLASS-260-29.6RB . c 25 N81-19242 *
US-PATENT-CLASS-260-29.6S .... c 27 N74-17283 *
US-PATENT-CLASS-260-29.6 ..... c 26 N75-27125 *
US-PATENT-CLASS-260-2 ..... c 06 N71-11243 *
US-PATENT-CLASS-260-2 ..... c 06 N71-20717 *
US-PATENT-CLASS-260-2 ..... c 06 N71-20905 *
US-PATENT-CLASS-260-2 ..... c 06 N71-27363 *
US-PATENT-CLASS-260-2 ..... c 06 N73-30102 *
US-PATENT-CLASS-260-2 ..... c 27 N79-21190 *
US-PATENT-CLASS-260-30.2 ..... c 06 N73-27980 *
US-PATENT-CLASS-260-30.4N ... c 27 N78-17205 *
US-PATENT-CLASS-260-30.8DS . c 06 N73-27980 *
US-PATENT-CLASS-260-307G .... c 27 N79-22300 *
US-PATENT-CLASS-260-32.2R ... c 27 N78-17205 *
US-PATENT-CLASS-260-32.6NT . c 27 N78-17205 *
US-PATENT-CLASS-260-32.6N ... c 06 N73-27980 *
US-PATENT-CLASS-260-32.6N ... c 23 N76-15268 *
US-PATENT-CLASS-260-32.8N ... c 23 N76-15268 *
US-PATENT-CLASS-260-326N .... c 27 N81-17260 *
US-PATENT-CLASS-260-326S .... c 27 N81-17260 *
US-PATENT-CLASS-260-33.4R ... c 06 N73-27980 *
US-PATENT-CLASS-260-33.4R ... c 27 N78-17205 *
US-PATENT-CLASS-260-33.4R ... c 27 N81-19296 *
US-PATENT-CLASS-260-33.6EP . c 24 N78-27180 *
US-PATENT-CLASS-260-33.6PQ . c 24 N78-27180 *
US-PATENT-CLASS-260-33.6R ... c 06 N73-27980 *
US-PATENT-CLASS-260-33.6UB . c 27 N81-15104 *
US-PATENT-CLASS-260-33.8EP . c 24 N78-27180 *
US-PATENT-CLASS-260-33.8F .... c 27 N76-24405 *
US-PATENT-CLASS-260-33.8F .... c 25 N81-14016 *
US-PATENT-CLASS-260-33.8UA . c 24 N78-27180 *
US-PATENT-CLASS-260-340.9R . c 23 N82-16174 *
US-PATENT-CLASS-260-346.3 .... c 23 N75-30256 *
US-PATENT-CLASS-260-346.3 .... c 23 N76-15268 *
US-PATENT-CLASS-260-346.3 .... c 27 N80-32515 *
US-PATENT-CLASS-260-348SC .. c 06 N72-25148 *
US-PATENT-CLASS-260-37EP .... c 24 N78-24290 *
US-PATENT-CLASS-260-37EP .... c 24 N78-27180 *
US-PATENT-CLASS-260-37EP .... c 15 N79-26100 *
US-PATENT-CLASS-260-37EP .... c 27 N81-17260 *
US-PATENT-CLASS-260-37N ..... c 27 N79-28307 *
US-PATENT-CLASS-260-37 ..... c 18 N71-25881 *
US-PATENT-CLASS-260-37 ..... c 27 N81-24258 *
US-PATENT-CLASS-260-386 ..... c 25 N82-24312 *
US-PATENT-CLASS-260-386 ..... c 23 N88-26404 *
US-PATENT-CLASS-260-386 ..... c 25 N90-23497 *
US-PATENT-CLASS-260-389 ..... c 25 N82-24312 *
US-PATENT-CLASS-260-389 ..... c 23 N88-26404 *
US-PATENT-CLASS-260-395 ..... c 23 N88-26404 *
US-PATENT-CLASS-260-395 ..... c 25 N90-23497 *
US-PATENT-CLASS-260-396N .... c 27 N74-27037 *
US-PATENT-CLASS-260-404.5 .... c 18 N71-15688 *
US-PATENT-CLASS-260-42.17 .... c 27 N78-17215 *
US-PATENT-CLASS-260-42.43 .... c 24 N78-27180 *
US-PATENT-CLASS-260-429 ..... c 06 N71-28808 *
US-PATENT-CLASS-260-42 ..... c 27 N79-28307 *
US-PATENT-CLASS-260-448.2D . c 06 N72-25151 *
US-PATENT-CLASS-260-448.2D . c 06 N73-32030 *
US-PATENT-CLASS-260-448.2N . c 37 N74-21058 *
US-PATENT-CLASS-260-448.2 .... c 06 N71-23230 *
US-PATENT-CLASS-260-45.7R ... c 24 N78-27180 *
US-PATENT-CLASS-260-45.7R ... c 27 N82-16238 *
US-PATENT-CLASS-260-45.75W c 24 N78-27180 *
US-PATENT-CLASS-260-45.7 ..... c 27 N76-24405 *
US-PATENT-CLASS-260-45.85N . c 24 N78-27180 *
US-PATENT-CLASS-260-45.9R ... c 24 N78-27180 *
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US-PATENT-CLASS-260-46.5G .... c 06 N72-25151 *
US-PATENT-CLASS-260-46.5P .... c 06 N72-25151 *
US-PATENT-CLASS-260-46.5R ... c 06 N73-26100 *
US-PATENT-CLASS-260-46.5 ..... c 06 N71-11237 *
US-PATENT-CLASS-260-46.5 ..... c 06 N71-11240 *
US-PATENT-CLASS-260-465.5R . c 27 N81-24256 *
US-PATENT-CLASS-260-465.5R . c 27 N84-22744 *
US-PATENT-CLASS-260-465.6 .... c 27 N84-22744 *
US-PATENT-CLASS-260-47CP .... c 06 N73-27980 *
US-PATENT-CLASS-260-47CP .... c 23 N76-15268 *
US-PATENT-CLASS-260-47CP .... c 27 N78-31232 *
US-PATENT-CLASS-260-47CP .... c 27 N78-32261 *
US-PATENT-CLASS-260-47UP .... c 06 N73-32029 *
US-PATENT-CLASS-260-47 ..... c 06 N71-28620 *
US-PATENT-CLASS-260-47 ..... c 06 N71-28807 *
US-PATENT-CLASS-260-485F .... c 06 N73-30098 *
US-PATENT-CLASS-260-49 ..... c 27 N78-32261 *
US-PATENT-CLASS-260-520 ..... c 23 N75-30256 *
US-PATENT-CLASS-260-535H .... c 06 N72-27144 *
US-PATENT-CLASS-260-53 ..... c 27 N79-28307 *
US-PATENT-CLASS-260-544-D ... c 27 N86-21675 *
US-PATENT-CLASS-260-544-P ... c 27 N87-14515 *
US-PATENT-CLASS-260-544F .... c 06 N72-20121 *
US-PATENT-CLASS-260-544P .... c 27 N86-27450 *
US-PATENT-CLASS-260-551P .... c 27 N78-32256 *
US-PATENT-CLASS-260-566B .... c 27 N76-32315 *
US-PATENT-CLASS-260-567.6M . c 06 N73-32029 *
US-PATENT-CLASS-260-571 ..... c 23 N76-15268 *
US-PATENT-CLASS-260-606-5P . c 27 N78-32256 *
US-PATENT-CLASS-260-615 ..... c 06 N71-27254 *
US-PATENT-CLASS-260-615 ..... c 06 N73-30101 *
US-PATENT-CLASS-260-63N ..... c 27 N78-31232 *
US-PATENT-CLASS-260-63N ..... c 27 N78-32261 *
US-PATENT-CLASS-260-63R ..... c 27 N78-32261 *
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US-PATENT-CLASS-260-67 ..... c 27 N78-17214 *
US-PATENT-CLASS-260-67 ..... c 27 N79-21191 *
US-PATENT-CLASS-260-72.5 ..... c 06 N71-11236 *
US-PATENT-CLASS-260-72.5 ..... c 06 N71-11239 *
US-PATENT-CLASS-260-72.5 ..... c 06 N71-24740 *
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US-PATENT-CLASS-260-75NK .... c 27 N78-17213 *
US-PATENT-CLASS-260-75NT .... c 27 N78-17213 *
US-PATENT-CLASS-260-77.5AM c 27 N78-17213 *
US-PATENT-CLASS-260-77.5AN . c 27 N78-17213 *
US-PATENT-CLASS-260-77.5AP . c 06 N72-27144 *
US-PATENT-CLASS-260-77.5AP . c 06 N73-33076 *
US-PATENT-CLASS-260-77.5AP . c 27 N77-31308 *
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US-PATENT-CLASS-260-77.5AT . c 27 N78-17213 *
US-PATENT-CLASS-260-77.55P . c 27 N78-17213 *
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US-PATENT-CLASS-260-77.5 ..... c 06 N73-30100 *
US-PATENT-CLASS-260-77.5 ..... c 06 N73-30103 *
US-PATENT-CLASS-260-78.41 .... c 27 N78-31232 *
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US-PATENT-CLASS-260-78TF .... c 27 N74-23125 *
US-PATENT-CLASS-260-78TF .... c 23 N75-30256 *
US-PATENT-CLASS-260-78TF .... c 23 N76-15268 *
US-PATENT-CLASS-260-78TF .... c 27 N78-32261 *
US-PATENT-CLASS-260-78UA .... c 06 N73-27980 *
US-PATENT-CLASS-260-78 ..... c 06 N71-11235 *
US-PATENT-CLASS-260-78 ..... c 06 N71-11238 *
US-PATENT-CLASS-260-830S .... c 15 N79-26100 *
US-PATENT-CLASS-260-85.5 ..... c 06 N71-23500 *
US-PATENT-CLASS-260-858 ..... c 27 N81-14076 *
US-PATENT-CLASS-260-877 ..... c 06 N72-22107 *
US-PATENT-CLASS-260-879 ..... c 27 N76-16228 *
US-PATENT-CLASS-260-886 ..... c 27 N81-14076 *
US-PATENT-CLASS-260-8900 .... c 27 N81-14076 *
US-PATENT-CLASS-260-895 ..... c 27 N81-14076 *
US-PATENT-CLASS-260-898 ..... c 27 N81-14076 *
US-PATENT-CLASS-260-900 ..... c 27 N76-16228 *
US-PATENT-CLASS-260-901 ..... c 27 N81-14076 *
US-PATENT-CLASS-260-92.1 ..... c 06 N72-25150 *
US-PATENT-CLASS-260-92.1 ..... c 06 N72-25152 *
US-PATENT-CLASS-260-92.1 ..... c 27 N76-16228 *
US-PATENT-CLASS-260-92.1 ..... c 27 N76-24405 *
US-PATENT-CLASS-260-926 ..... c 27 N80-10358 *
US-PATENT-CLASS-260-927-N ... c 23 N86-19376 *
US-PATENT-CLASS-260-93.5A ... c 06 N73-32029 *
US-PATENT-CLASS-260-93.5S .... c 06 N73-32029 *
US-PATENT-CLASS-260-94.2M ... c 06 N73-32029 *
US-PATENT-CLASS-260-94.2R ... c 06 N73-32029 *
US-PATENT-CLASS-260-94.7R ... c 06 N73-32029 *
US-PATENT-CLASS-260-94.8 ..... c 27 N73-22710 *
US-PATENT-CLASS-260-959 ..... c 27 N78-32256 *
US-PATENT-CLASS-260-96D ..... c 28 N81-15119 *
US-PATENT-CLASS-261-DIG.75 . c 34 N77-24423 *
US-PATENT-CLASS-261-118 ..... c 31 N80-18231 *
US-PATENT-CLASS-261-123 ..... c 34 N77-24423 *
US-PATENT-CLASS-261-145 ..... c 28 N72-22772 *
US-PATENT-CLASS-261-28 ..... c 07 N81-29129 *
US-PATENT-CLASS-261-78A ..... c 35 N86-29174 *
US-PATENT-CLASS-261-79A ..... c 54 N81-24724 *
US-PATENT-CLASS-261-83 ..... c 51 N91-30667 *
US-PATENT-CLASS-263-48 ..... c 15 N69-27483 * #
US-PATENT-CLASS-264-DIG.36 . c 18 N73-14584 *
US-PATENT-CLASS-264-DIG.44 . c 15 N72-16329 *
US-PATENT-CLASS-264-DIG.64 . c 27 N88-23894 *
US-PATENT-CLASS-264-DIG.65 . c 27 N85-20124 *
US-PATENT-CLASS-264-DIG-59 . c 27 N89-29539 *
US-PATENT-CLASS-264-022 ..... c 27 N90-21198 *
US-PATENT-CLASS-264-102 ..... c 15 N71-10672 *
US-PATENT-CLASS-264-102 ..... c 15 N73-12489 *
US-PATENT-CLASS-264-102 ..... c 31 N74-14133 *
US-PATENT-CLASS-264-102 ..... c 31 N74-18124 *
US-PATENT-CLASS-264-102 ..... c 37 N76-24575 *
US-PATENT-CLASS-264-102 ..... c 15 N79-26100 *
US-PATENT-CLASS-264-104 ..... c 05 N72-25120 *
US-PATENT-CLASS-264-104 ..... c 27 N81-24257 *
US-PATENT-CLASS-264-104 ..... c 23 N81-29160 *
US-PATENT-CLASS-264-104 ..... c 25 N83-13188 *
US-PATENT-CLASS-264-105 ..... c 27 N81-24257 *
US-PATENT-CLASS-264-111 ..... c 17 N71-29137 *
US-PATENT-CLASS-264-112 ..... c 27 N85-20124 *
US-PATENT-CLASS-264-114 ..... c 31 N90-19425 *
US-PATENT-CLASS-264-118 ..... c 24 N80-26388 *
US-PATENT-CLASS-264-118 ..... c 24 N84-16262 *
US-PATENT-CLASS-264-119 ..... c 24 N80-26388 *
US-PATENT-CLASS-264-11 ..... c 27 N90-23566 *

US-PATENT-CLASS-264-120 ..... c 27 N85-20124 *
US-PATENT-CLASS-264-124 ..... c 24 N80-26388 *
US-PATENT-CLASS-264-129 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-12 ..... c 31 N83-35176 *
US-PATENT-CLASS-264-12 ..... c 31 N91-32240 *
US-PATENT-CLASS-264-130 ..... c 27 N78-32262 *
US-PATENT-CLASS-264-135 ..... c 37 N74-18126 *
US-PATENT-CLASS-264-136 ..... c 37 N74-18126 *
US-PATENT-CLASS-264-136 ..... c 24 N91-25200 *
US-PATENT-CLASS-264-137 ..... c 27 N79-33316 *
US-PATENT-CLASS-264-137 ..... c 27 N81-14078 *
US-PATENT-CLASS-264-137 ..... c 27 N81-29229 *
US-PATENT-CLASS-264-137 ..... c 27 N83-34041 *
US-PATENT-CLASS-264-137 ..... c 27 N85-20124 *
US-PATENT-CLASS-264-145 ..... c 15 N79-26100 *
US-PATENT-CLASS-264-151 ..... c 15 N79-26100 *
US-PATENT-CLASS-264-152 ..... c 27 N85-20124 *
US-PATENT-CLASS-264-157 ..... c 24 N78-17150 *
US-PATENT-CLASS-264-161 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-175 ..... c 15 N79-26100 *
US-PATENT-CLASS-264-184 ..... c 27 N78-32262 *
US-PATENT-CLASS-264-184 ..... c 37 N91-27562 *
US-PATENT-CLASS-264-1 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-204 ..... c 27 N86-29039 *
US-PATENT-CLASS-264-211.15 .. c 37 N91-27562 *
US-PATENT-CLASS-264-211.16 .. c 37 N91-27562 *
US-PATENT-CLASS-264-211.17 .. c 37 N91-27562 *
US-PATENT-CLASS-264-211 ..... c 27 N78-32262 *
US-PATENT-CLASS-264-212 ..... c 27 N80-32516 *
US-PATENT-CLASS-264-212 ..... c 27 N86-31727 *
US-PATENT-CLASS-264-216 ..... c 25 N82-21268 *
US-PATENT-CLASS-264-216 ..... c 27 N86-29039 *
US-PATENT-CLASS-264-217 ..... c 25 N75-12087 *
US-PATENT-CLASS-264-219 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-220 ..... c 27 N82-28440 *
US-PATENT-CLASS-264-221 ..... c 15 N72-16329 *
US-PATENT-CLASS-264-225 ..... c 15 N72-16329 *
US-PATENT-CLASS-264-227 ..... c 15 N72-16329 *
US-PATENT-CLASS-264-229 ..... c 24 N81-29163 *
US-PATENT-CLASS-264-22 ..... c 15 N72-20446 *
US-PATENT-CLASS-264-22 ..... c 14 N72-22439 *
US-PATENT-CLASS-264-22 ..... c 25 N75-12087 *
US-PATENT-CLASS-264-22 ..... c 27 N80-32516 *
US-PATENT-CLASS-264-22 ..... c 27 N82-28440 *
US-PATENT-CLASS-264-230 ..... c 37 N82-24491 *
US-PATENT-CLASS-264-231 ..... c 24 N81-29163 *
US-PATENT-CLASS-264-234 ..... c 37 N91-27562 *
US-PATENT-CLASS-264-236 ..... c 27 N78-32262 *
US-PATENT-CLASS-264-236 ..... c 15 N79-26100 *
US-PATENT-CLASS-264-236 ..... c 27 N86-29039 *
US-PATENT-CLASS-264-236 ..... c 27 N86-31727 *
US-PATENT-CLASS-264-236 ..... c 27 N89-29539 *
US-PATENT-CLASS-264-236 ..... c 37 N91-27562 *
US-PATENT-CLASS-264-23 ..... c 71 N78-10837 *
US-PATENT-CLASS-264-23 ..... c 31 N81-15154 *
US-PATENT-CLASS-264-24 ..... c 31 N81-33319 *
US-PATENT-CLASS-264-24 ..... c 31 N83-35176 *
US-PATENT-CLASS-264-257 ..... c 37 N74-18126 *
US-PATENT-CLASS-264-257 ..... c 27 N89-29539 *
US-PATENT-CLASS-264-257 ..... c 24 N91-25199 *
US-PATENT-CLASS-264-257 ..... c 24 N91-25200 *
US-PATENT-CLASS-264-258 ..... c 24 N81-29163 *
US-PATENT-CLASS-264-258 ..... c 27 N83-34041 *
US-PATENT-CLASS-264-258 ..... c 27 N85-20124 *
US-PATENT-CLASS-264-259 ..... c 24 N81-29163 *
US-PATENT-CLASS-264-261 ..... c 24 N91-25199 *
US-PATENT-CLASS-264-267 ..... c 37 N76-24575 *
US-PATENT-CLASS-264-27 ..... c 26 N71-17818 *
US-PATENT-CLASS-264-28 ..... c 15 N73-12489 *
US-PATENT-CLASS-264-28 ..... c 27 N90-23566 *
US-PATENT-CLASS-264-291 ..... c 74 N87-28416 *
US-PATENT-CLASS-264-294 ..... c 31 N74-13177 *
US-PATENT-CLASS-264-3R ..... c 28 N77-10213 *
US-PATENT-CLASS-264-3R ..... c 20 N77-17143 *
US-PATENT-CLASS-264-304 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-305 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-308 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-310 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-311 ..... c 24 N81-29163 *
US-PATENT-CLASS-264-311 ..... c 31 N90-19425 *
US-PATENT-CLASS-264-318 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-331.12 .. c 27 N85-20124 *
US-PATENT-CLASS-264-331.12 .. c 24 N91-25200 *
US-PATENT-CLASS-264-331.19 .. c 27 N85-20124 *
US-PATENT-CLASS-264-331.46 .. c 27 N83-34041 *
US-PATENT-CLASS-264-331 ..... c 27 N76-16230 *
US-PATENT-CLASS-264-332 ..... c 37 N81-25371 *
US-PATENT-CLASS-264-332 ..... c 27 N87-28656 *
US-PATENT-CLASS-264-334 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-33 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-342R .... c 37 N82-24491 *
US-PATENT-CLASS-264-345 ..... c 71 N78-10837 *
US-PATENT-CLASS-264-345 ..... c 37 N91-27562 *
US-PATENT-CLASS-264-347 ..... c 27 N86-29039 *
US-PATENT-CLASS-264-347 ..... c 27 N89-29539 *
US-PATENT-CLASS-264-34 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-35 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-36 ..... c 15 N73-12489 *
US-PATENT-CLASS-264-36 ..... c 32 N74-27612 *
US-PATENT-CLASS-264-3 ..... c 28 N71-26779 *
US-PATENT-CLASS-264-40.1 ..... c 27 N89-29539 *
US-PATENT-CLASS-264-40.1 ..... c 27 N90-23544 *
US-PATENT-CLASS-264-40.4 ..... c 35 N80-18357 *
US-PATENT-CLASS-264-40.5 ..... c 27 N89-29539 *
US-PATENT-CLASS-264-40.6 ..... c 27 N89-29539 *
US-PATENT-CLASS-264-40 ..... c 15 N73-12489 *
US-PATENT-CLASS-264-41 ..... c 25 N81-19244 *
US-PATENT-CLASS-264-41 ..... c 51 N84-28361 *
US-PATENT-CLASS-264-43 ..... c 27 N90-23566 *
US-PATENT-CLASS-264-453 ..... c 25 N82-21268 *
US-PATENT-CLASS-264-4 ..... c 34 N90-23700 *
US-PATENT-CLASS-264-50 ..... c 27 N88-23894 *
US-PATENT-CLASS-264-510 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-516 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-53 ..... c 25 N82-21268 *
US-PATENT-CLASS-264-59 ..... c 24 N84-16262 *
US-PATENT-CLASS-264-5 ..... c 31 N81-33319 *
US-PATENT-CLASS-264-5 ..... c 27 N82-28442 *
US-PATENT-CLASS-264-5 ..... c 31 N83-31896 *
US-PATENT-CLASS-264-5 ..... c 31 N83-35176 *
US-PATENT-CLASS-264-5 ..... c 26 N86-32551 *
US-PATENT-CLASS-264-5 ..... c 31 N91-32240 *
US-PATENT-CLASS-264-60 ..... c 27 N76-22376 *
US-PATENT-CLASS-264-60 ..... c 27 N79-14213 *
US-PATENT-CLASS-264-60 ..... c 24 N84-16262 *
US-PATENT-CLASS-264-60 ..... c 27 N87-28656 *
US-PATENT-CLASS-264-63 ..... c 27 N76-22376 *
US-PATENT-CLASS-264-63 ..... c 27 N87-28656 *
US-PATENT-CLASS-264-63 ..... c 27 N92-16122 *
US-PATENT-CLASS-264-65 ..... c 18 N73-14584 *
US-PATENT-CLASS-264-66 ..... c 27 N76-22376 *
US-PATENT-CLASS-264-6 ..... c 27 N90-23566 *
US-PATENT-CLASS-264-70 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-71 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-90 ..... c 24 N78-17150 *
US-PATENT-CLASS-264-92 ..... c 15 N71-17803 *
US-PATENT-CLASS-264-92 ..... c 15 N72-24522 *
US-PATENT-CLASS-264-9 ..... c 31 N81-33319 *
US-PATENT-CLASS-264-9 ..... c 31 N83-31896 *
US-PATENT-CLASS-266-119 ..... c 26 N80-28492 *
US-PATENT-CLASS-266-19 ..... c 15 N70-33382 *
US-PATENT-CLASS-266-249 ..... c 26 N80-28492 *
US-PATENT-CLASS-266-24 ..... c 17 N72-28535 *
US-PATENT-CLASS-266-274 ..... c 26 N80-28492 *
US-PATENT-CLASS-267-150 ..... c 37 N85-34401 *
US-PATENT-CLASS-267-166 ..... c 34 N74-18552 *
US-PATENT-CLASS-267-1 ..... c 15 N69-27504 * #
US-PATENT-CLASS-267-1 ..... c 15 N70-38225 *
US-PATENT-CLASS-267-64 ..... c 15 N71-21530 *
US-PATENT-CLASS-267-8R ..... c 37 N85-34401 *
US-PATENT-CLASS-269-147 ..... c 35 N88-24927 *
US-PATENT-CLASS-269-152 ..... c 18 N83-29303 *
US-PATENT-CLASS-269-153 ..... c 44 N79-19447 *
US-PATENT-CLASS-269-156 ..... c 37 N80-14398 *
US-PATENT-CLASS-269-21 ..... c 37 N76-21554 *
US-PATENT-CLASS-269-21 ..... c 37 N78-17383 *
US-PATENT-CLASS-269-21 ..... c 37 N78-27423 *
US-PATENT-CLASS-269-21 ..... c 76 N80-18951 *
US-PATENT-CLASS-269-21 ..... c 37 N81-33482 *
US-PATENT-CLASS-269-21 ..... c 37 N91-21545 *
US-PATENT-CLASS-269-224 ..... c 37 N84-28083 *
US-PATENT-CLASS-269-242 ..... c 18 N83-29303 *
US-PATENT-CLASS-269-242 ..... c 37 N84-28083 *
US-PATENT-CLASS-269-244 ..... c 18 N83-29303 *
US-PATENT-CLASS-269-244 ..... c 37 N84-28083 *
US-PATENT-CLASS-269-246 ..... c 35 N88-24927 *
US-PATENT-CLASS-269-252 ..... c 37 N84-28083 *
US-PATENT-CLASS-269-266 ..... c 37 N78-27423 *
US-PATENT-CLASS-269-267 ..... c 37 N89-13785 *
US-PATENT-CLASS-269-285 ..... c 37 N84-28083 *
US-PATENT-CLASS-269-287 ..... c 37 N80-23655 *
US-PATENT-CLASS-269-3 ..... c 37 N84-12491 *
US-PATENT-CLASS-269-43 ..... c 37 N88-14360 *
US-PATENT-CLASS-269-48.1 ..... c 39 N74-13131 *
US-PATENT-CLASS-269-71 ..... c 37 N88-14360 *
US-PATENT-CLASS-269-73 ..... c 37 N88-14360 *
US-PATENT-CLASS-27-498 ..... c 15 N73-28515 *
US-PATENT-CLASS-272-DIG.1 .... c 05 N73-32014 *
US-PATENT-CLASS-272-DIG.4 .... c 05 N73-32014 *
US-PATENT-CLASS-272-DIG.5 .... c 05 N73-32014 *
US-PATENT-CLASS-272-1R ..... c 09 N75-15662 *
US-PATENT-CLASS-272-57A ..... c 09 N75-15662 *
US-PATENT-CLASS-272-70 ..... c 05 N71-28619 *
US-PATENT-CLASS-272-73 ..... c 14 N73-27377 *
US-PATENT-CLASS-272-73 ..... c 05 N73-27941 *
US-PATENT-CLASS-272-73 ..... c 37 N74-18127 *
US-PATENT-CLASS-272-79C ..... c 05 N73-32014 *
US-PATENT-CLASS-272-80 ..... c 37 N74-18127 *
US-PATENT-CLASS-273-1E ..... c 05 N73-13114 *
US-PATENT-CLASS-273-148B .... c 33 N92-29153 *
US-PATENT-CLASS-273-240 ..... c 31 N83-34073 *
US-PATENT-CLASS-274-4R ..... c 09 N72-11224 *
US-PATENT-CLASS-277-105 ..... c 37 N82-24490 *
US-PATENT-CLASS-277-116.6 .... c 37 N84-11497 *
US-PATENT-CLASS-277-124 ..... c 37 N84-11497 *
US-PATENT-CLASS-277-134 ..... c 37 N75-21631 *
US-PATENT-CLASS-277-134 ..... c 07 N78-25090 *
US-PATENT-CLASS-277-135 ..... c 37 N85-29284 *
US-PATENT-CLASS-277-13 ..... c 15 N71-26294 *
US-PATENT-CLASS-277-153 ..... c 37 N80-28711 *
US-PATENT-CLASS-277-153 ..... c 37 N81-26447 *
US-PATENT-CLASS-277-157 ..... c 37 N91-27560 *
US-PATENT-CLASS-277-158 ..... c 37 N90-23751 *
US-PATENT-CLASS-277-164 ..... c 37 N84-11497 *
US-PATENT-CLASS-277-177 ..... c 37 N84-11497 *
US-PATENT-CLASS-277-181 ..... c 37 N81-15363 *
US-PATENT-CLASS-277-189 ..... c 37 N82-16408 *
US-PATENT-CLASS-277-190 ..... c 37 N84-11497 *
US-PATENT-CLASS-277-192 ..... c 37 N79-22474 *
US-PATENT-CLASS-277-193 ..... c 37 N80-28711 *
US-PATENT-CLASS-277-193 ..... c 37 N81-26447 *
US-PATENT-CLASS-277-1 ..... c 37 N82-24490 *
US-PATENT-CLASS-277-204 ..... c 37 N82-24490 *
US-PATENT-CLASS-277-224 ..... c 37 N80-28711 *
US-PATENT-CLASS-277-226 ..... c 37 N91-27560 *
US-PATENT-CLASS-277-229 ..... c 37 N81-15363 *
US-PATENT-CLASS-277-229 ..... c 37 N91-27560 *
US-PATENT-CLASS-277-229 ..... c 37 N92-22043 *
US-PATENT-CLASS-277-234 ..... c 37 N92-22043 *
US-PATENT-CLASS-277-25 ..... c 15 N69-21362 * #
US-PATENT-CLASS-277-25 ..... c 15 N71-19570 *
US-PATENT-CLASS-277-25 ..... c 15 N72-29488 *
US-PATENT-CLASS-277-25 ..... c 37 N74-10474 *
US-PATENT-CLASS-277-25 ..... c 07 N78-25090 *
US-PATENT-CLASS-277-27 ..... c 15 N72-29488 *
US-PATENT-CLASS-277-27 ..... c 37 N74-10474 *
US-PATENT-CLASS-277-27 ..... c 37 N74-15125 *
US-PATENT-CLASS-277-27 ..... c 37 N75-21631 *
US-PATENT-CLASS-277-27 ..... c 37 N82-12442 *
US-PATENT-CLASS-277-27 ..... c 37 N92-16318 *
US-PATENT-CLASS-277-2 ..... c 37 N82-24490 *
US-PATENT-CLASS-277-34.3 ..... c 37 N92-21727 *
US-PATENT-CLASS-277-34 ..... c 37 N90-23751 *
US-PATENT-CLASS-277-34 ..... c 37 N91-27560 *
US-PATENT-CLASS-277-34 ..... c 37 N92-21727 *
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US-PATENT-CLASS-277-3 ..... c 37 N92-21727 *
US-PATENT-CLASS-277-3 ..... c 37 N92-22043 *
US-PATENT-CLASS-277-40 ..... c 37 N75-21631 *
US-PATENT-CLASS-277-40 ..... c 37 N82-12442 *
US-PATENT-CLASS-277-41 ..... c 37 N76-22541 *
US-PATENT-CLASS-277-4 ..... c 37 N76-22541 *
US-PATENT-CLASS-277-4 ..... c 37 N82-24490 *
US-PATENT-CLASS-277-53 ..... c 37 N86-20788 *
US-PATENT-CLASS-277-53 ..... c 37 N92-16318 *
US-PATENT-CLASS-277-59 ..... c 37 N82-24490 *
US-PATENT-CLASS-277-62 ..... c 37 N79-22475 *
US-PATENT-CLASS-277-72R ..... c 37 N82-24490 *
US-PATENT-CLASS-277-74 ..... c 15 N72-29488 *
US-PATENT-CLASS-277-74 ..... c 37 N76-22541 *
US-PATENT-CLASS-277-76 ..... c 37 N92-22043 *
US-PATENT-CLASS-277-80 ..... c 37 N85-29284 *
US-PATENT-CLASS-277-81R ..... c 37 N82-16408 *
US-PATENT-CLASS-277-91 ..... c 37 N74-15125 *
US-PATENT-CLASS-277-93R ..... c 37 N76-22541 *
US-PATENT-CLASS-277-93R ..... c 37 N82-12442 *
US-PATENT-CLASS-277-96.1 ..... c 37 N79-22475 *
US-PATENT-CLASS-277-96 ..... c 37 N74-10474 *
US-PATENT-CLASS-277-96 ..... c 37 N81-24442 *
US-PATENT-CLASS-279-1B ..... c 37 N75-33395 *
US-PATENT-CLASS-279-107 ..... c 37 N75-33395 *
US-PATENT-CLASS-279-3 ..... c 37 N78-17383 *
US-PATENT-CLASS-279-89 ..... c 37 N75-33395 *
US-PATENT-CLASS-280-150SB .. c 05 N75-25915 *
US-PATENT-CLASS-280-432 ..... c 37 N77-14477 *
US-PATENT-CLASS-280-47.11 .... c 85 N87-21755 *
US-PATENT-CLASS-280-677 ..... c 37 N90-17153 *
US-PATENT-CLASS-280-682 ..... c 37 N90-17153 *
US-PATENT-CLASS-280-805 ..... c 37 N82-18601 *
US-PATENT-CLASS-285-DIG.21 . c 15 N72-25450 *
US-PATENT-CLASS-285-DIG.21 . c 33 N73-26958 *
US-PATENT-CLASS-285-107 ..... c 37 N89-13786 *
US-PATENT-CLASS-285-108 ..... c 37 N89-13786 *
US-PATENT-CLASS-285-109 ..... c 37 N89-13786 *
US-PATENT-CLASS-285-114 ..... c 37 N75-19686 *
US-PATENT-CLASS-285-133.1 .... c 37 N89-13786 *
US-PATENT-CLASS-285-137.1 .... c 35 N87-28884 *
US-PATENT-CLASS-285-159 ..... c 37 N82-24494 *
US-PATENT-CLASS-285-168 ..... c 54 N86-28619 *
US-PATENT-CLASS-285-168 ..... c 54 N86-28620 *
US-PATENT-CLASS-285-168 ..... c 54 N86-29507 * #
US-PATENT-CLASS-285-184 ..... c 54 N86-29507 * #
US-PATENT-CLASS-285-18 ..... c 15 N72-20445 *
US-PATENT-CLASS-285-192 ..... c 20 N78-24275 *
US-PATENT-CLASS-285-223 ..... c 37 N92-21727 *
US-PATENT-CLASS-285-226 ..... c 37 N75-19686 *
US-PATENT-CLASS-285-226 ..... c 37 N76-14460 *
US-PATENT-CLASS-285-226 ..... c 18 N89-28553 *

US-PATENT-CLASS-285-227 ..... c 54 N86-29507 * #
US-PATENT-CLASS-285-235 ..... c 54 N78-31735 *
US-PATENT-CLASS-285-235 ..... c 54 N79-24651 *
US-PATENT-CLASS-285-23 ..... c 37 N92-10197 *
US-PATENT-CLASS-285-24 ..... c 15 N71-10782 *
US-PATENT-CLASS-285-265 ..... c 37 N76-14460 *
US-PATENT-CLASS-285-27 ..... c 15 N70-41808 *
US-PATENT-CLASS-285-27 ..... c 18 N87-27713 *
US-PATENT-CLASS-285-302 ..... c 18 N89-25266 *
US-PATENT-CLASS-285-305 ..... c 37 N87-22977 *
US-PATENT-CLASS-285-314 ..... c 15 N71-24903 *
US-PATENT-CLASS-285-316 ..... c 15 N72-25450 *
US-PATENT-CLASS-285-316 ..... c 33 N73-26958 *
US-PATENT-CLASS-285-317 ..... c 15 N71-24903 *
US-PATENT-CLASS-285-31 ..... c 18 N87-27713 *
US-PATENT-CLASS-285-326 ..... c 37 N79-11402 *
US-PATENT-CLASS-285-327 ..... c 37 N91-14610 *
US-PATENT-CLASS-285-331 ..... c 15 N70-41629 *
US-PATENT-CLASS-285-33 ..... c 15 N72-25450 *
US-PATENT-CLASS-285-345 ..... c 15 N72-20445 *
US-PATENT-CLASS-285-346 ..... c 37 N92-21727 *
US-PATENT-CLASS-285-351 ..... c 37 N89-13786 *
US-PATENT-CLASS-285-353 ..... c 37 N92-10197 *
US-PATENT-CLASS-285-359 ..... c 37 N79-11402 *
US-PATENT-CLASS-285-361 ..... c 37 N91-14613 *
US-PATENT-CLASS-285-373 ..... c 18 N87-27713 *
US-PATENT-CLASS-285-37 ..... c 37 N82-24490 *
US-PATENT-CLASS-285-381 ..... c 37 N92-29120 *
US-PATENT-CLASS-285-38 ..... c 15 N71-24903 *
US-PATENT-CLASS-285-39 ..... c 37 N89-13786 *
US-PATENT-CLASS-285-39 ..... c 37 N92-10197 *
US-PATENT-CLASS-285-3 ..... c 15 N69-27490 * #
US-PATENT-CLASS-285-3 ..... c 15 N72-25450 *
US-PATENT-CLASS-285-401 ..... c 37 N82-24494 *
US-PATENT-CLASS-285-406 ..... c 15 N71-24903 *
US-PATENT-CLASS-285-410 ..... c 05 N72-11085 *
US-PATENT-CLASS-285-421 ..... c 18 N87-27713 *
US-PATENT-CLASS-285-45 ..... c 15 N71-28937 *
US-PATENT-CLASS-285-81 ..... c 37 N87-22977 *
US-PATENT-CLASS-285-82 ..... c 37 N91-14613 *
US-PATENT-CLASS-285-85 ..... c 37 N87-22977 *
US-PATENT-CLASS-285-86 ..... c 18 N87-27713 *
US-PATENT-CLASS-285-89 ..... c 37 N82-24494 *
US-PATENT-CLASS-285-901 ..... c 35 N87-28884 *
US-PATENT-CLASS-285-910 ..... c 37 N92-21727 *
US-PATENT-CLASS-285-912 ..... c 37 N92-10197 *
US-PATENT-CLASS-285-91 ..... c 37 N87-22977 *
US-PATENT-CLASS-285-97 ..... c 37 N89-13786 *
US-PATENT-CLASS-285-97 ..... c 37 N92-21727 *
US-PATENT-CLASS-287-119 ..... c 15 N70-41829 *
US-PATENT-CLASS-287-189.365 .. c 15 N71-26312 *
US-PATENT-CLASS-287-189.36 .. c 15 N71-10799 *
US-PATENT-CLASS-287-54A ..... c 11 N72-25287 *
US-PATENT-CLASS-287-85R ..... c 15 N73-12488 *
US-PATENT-CLASS-287-92 ..... c 31 N73-32749 *
US-PATENT-CLASS-29-DIG.1 ..... c 44 N81-14389 *
US-PATENT-CLASS-29-DIG.24 .... c 24 N75-33181 *
US-PATENT-CLASS-29-DIG.35 .... c 37 N77-23482 *
US-PATENT-CLASS-29-DIG.39 .... c 24 N75-33181 *
US-PATENT-CLASS-29-110.5 ..... c 37 N92-28754 *
US-PATENT-CLASS-29-123 ..... c 37 N92-28754 *
US-PATENT-CLASS-29-125 ..... c 37 N79-10422 *
US-PATENT-CLASS-29-132 ..... c 37 N92-28754 *
US-PATENT-CLASS-29-148.4A ... c 37 N74-15128 *
US-PATENT-CLASS-29-148.4B ... c 37 N74-15128 *
US-PATENT-CLASS-29-148.4 ..... c 15 N71-16052 *
US-PATENT-CLASS-29-148.4 ..... c 15 N71-17688 *
US-PATENT-CLASS-29-155.55 .... c 15 N71-15986 *
US-PATENT-CLASS-29-156.5-R .. c 24 N87-27742 * #
US-PATENT-CLASS-29-156.8R ... c 37 N78-24544 *
US-PATENT-CLASS-29-157.3H ... c 74 N83-19596 *
US-PATENT-CLASS-29-157.3R ... c 34 N74-18552 *
US-PATENT-CLASS-29-157.3 ..... c 28 N70-41818 *
US-PATENT-CLASS-29-157 ..... c 28 N71-15658 *
US-PATENT-CLASS-29-182.1 ..... c 18 N71-23710 *
US-PATENT-CLASS-29-182.2 ..... c 17 N71-23046 *
US-PATENT-CLASS-29-182.2 ..... c 37 N75-26371 *
US-PATENT-CLASS-29-182.5 ..... c 17 N72-28536 *
US-PATENT-CLASS-29-182.5 ..... c 37 N75-26371 *
US-PATENT-CLASS-29-182.5 ..... c 27 N76-15311 *
US-PATENT-CLASS-29-182.5 ..... c 27 N77-13217 *
US-PATENT-CLASS-29-182 ..... c 37 N74-13179 *
US-PATENT-CLASS-29-182 ..... c 34 N76-27515 *
US-PATENT-CLASS-29-183.5 ..... c 17 N70-38490 *
US-PATENT-CLASS-29-193 ..... c 34 N76-27515 *
US-PATENT-CLASS-29-194 ..... c 26 N75-19408 *
US-PATENT-CLASS-29-194 ..... c 44 N76-14595 *
US-PATENT-CLASS-29-195A ..... c 27 N76-16229 *
US-PATENT-CLASS-29-195Y ..... c 14 N73-32320 *
US-PATENT-CLASS-29-195 ..... c 44 N76-14595 *
US-PATENT-CLASS-29-196.2 ..... c 17 N73-32414 *
US-PATENT-CLASS-29-196.2 ..... c 26 N75-19408 *
US-PATENT-CLASS-29-196.6 ..... c 17 N73-32414 *
US-PATENT-CLASS-29-196.6 ..... c 37 N75-13261 *
US-PATENT-CLASS-29-196.6 ..... c 26 N75-19408 *
US-PATENT-CLASS-29-197 ..... c 17 N73-32414 *
US-PATENT-CLASS-29-197 ..... c 37 N75-13261 *
US-PATENT-CLASS-29-197 ..... c 26 N75-19408 *
US-PATENT-CLASS-29-197 ..... c 44 N76-14595 *
US-PATENT-CLASS-29-198 ..... c 17 N70-33288 *
US-PATENT-CLASS-29-198 ..... c 09 N72-25259 *
US-PATENT-CLASS-29-203H ..... c 37 N74-32918 *
US-PATENT-CLASS-29-203MW .. c 33 N74-26977 *
US-PATENT-CLASS-29-203V ..... c 15 N73-14468 *
US-PATENT-CLASS-29-23.5 ..... c 37 N78-24544 *
US-PATENT-CLASS-29-234 ..... c 15 N70-36901 *
US-PATENT-CLASS-29-244 ..... c 37 N78-24544 *
US-PATENT-CLASS-29-25.14 ..... c 05 N72-25121 *
US-PATENT-CLASS-29-25.14 ..... c 35 N82-24471 *
US-PATENT-CLASS-29-25.18 ..... c 09 N71-26678 *
US-PATENT-CLASS-29-25.18 ..... c 05 N72-25121 *
US-PATENT-CLASS-29-25.18 ..... c 20 N75-18310 *
US-PATENT-CLASS-29-25.18 ..... c 20 N76-21276 *
US-PATENT-CLASS-29-25.35 ..... c 35 N80-20559 *
US-PATENT-CLASS-29-25.42 ..... c 26 N72-28762 *
US-PATENT-CLASS-29-252 ..... c 37 N78-24544 *
US-PATENT-CLASS-29-26A ..... c 37 N75-33395 *
US-PATENT-CLASS-29-267 ..... c 60 N82-24839 *
US-PATENT-CLASS-29-268 ..... c 37 N74-32918 *
US-PATENT-CLASS-29-271 ..... c 15 N70-41371 *
US-PATENT-CLASS-29-278R ..... c 15 N71-29133 *
US-PATENT-CLASS-29-400 ..... c 05 N71-12345 *
US-PATENT-CLASS-29-402.16 .... c 37 N86-32736 * #
US-PATENT-CLASS-29-412 ..... c 15 N72-20444 *
US-PATENT-CLASS-29-419 ..... c 24 N75-28135 *
US-PATENT-CLASS-29-420.5 ..... c 26 N74-10521 *
US-PATENT-CLASS-29-420.5 ..... c 37 N74-13179 *
US-PATENT-CLASS-29-420.5 ..... c 37 N75-26371 *
US-PATENT-CLASS-29-420 ..... c 24 N75-13032 *
US-PATENT-CLASS-29-421E ..... c 37 N79-13364 *
US-PATENT-CLASS-29-421 ..... c 15 N71-29018 *
US-PATENT-CLASS-29-421 ..... c 14 N72-22439 *
US-PATENT-CLASS-29-421 ..... c 37 N76-14461 *
US-PATENT-CLASS-29-423 ..... c 15 N70-36409 *
US-PATENT-CLASS-29-423 ..... c 31 N74-21059 *
US-PATENT-CLASS-29-423 ..... c 52 N84-28389 *
US-PATENT-CLASS-29-426 ..... c 15 N72-20444 *
US-PATENT-CLASS-29-428 ..... c 15 N71-17686 *
US-PATENT-CLASS-29-432 ..... c 37 N76-19437 *
US-PATENT-CLASS-29-433 ..... c 37 N76-19437 *
US-PATENT-CLASS-29-446 ..... c 37 N83-36482 *
US-PATENT-CLASS-29-447 ..... c 37 N77-23482 *
US-PATENT-CLASS-29-451 ..... c 52 N84-28389 *
US-PATENT-CLASS-29-452 ..... c 15 N73-30457 *
US-PATENT-CLASS-29-458 ..... c 26 N83-10170 *
US-PATENT-CLASS-29-460 ..... c 37 N74-11301 *
US-PATENT-CLASS-29-460 ..... c 37 N75-13261 *
US-PATENT-CLASS-29-463 ..... c 07 N78-33101 *
US-PATENT-CLASS-29-467 ..... c 39 N76-31562 *
US-PATENT-CLASS-29-470.1 ..... c 37 N74-21057 *
US-PATENT-CLASS-29-470.1 ..... c 37 N75-12326 *
US-PATENT-CLASS-29-472.7 ..... c 37 N75-15992 *
US-PATENT-CLASS-29-472.9 ..... c 15 N69-39786 * #
US-PATENT-CLASS-29-472.9 ..... c 26 N71-16037 *
US-PATENT-CLASS-29-472.9 ..... c 15 N72-22492 *
US-PATENT-CLASS-29-473.1 ..... c 15 N72-22487 *
US-PATENT-CLASS-29-473.1 ..... c 15 N72-22492 *
US-PATENT-CLASS-29-473.1 ..... c 37 N75-15992 *
US-PATENT-CLASS-29-475 ..... c 37 N75-12326 *
US-PATENT-CLASS-29-482 ..... c 05 N72-25121 *
US-PATENT-CLASS-29-482 ..... c 37 N74-18128 *
US-PATENT-CLASS-29-487 ..... c 15 N73-33383 *
US-PATENT-CLASS-29-487 ..... c 37 N74-21055 *
US-PATENT-CLASS-29-488 ..... c 15 N70-33311 *
US-PATENT-CLASS-29-488 ..... c 37 N74-18128 *
US-PATENT-CLASS-29-492 ..... c 15 N71-20443 *
US-PATENT-CLASS-29-492 ..... c 09 N72-25261 *
US-PATENT-CLASS-29-494 ..... c 15 N73-33383 *
US-PATENT-CLASS-29-494 ..... c 37 N74-21055 *
US-PATENT-CLASS-29-494 ..... c 37 N75-13261 *
US-PATENT-CLASS-29-495 ..... c 15 N71-21078 *
US-PATENT-CLASS-29-497.5 ..... c 15 N73-28515 *
US-PATENT-CLASS-29-497.5 ..... c 15 N73-33383 *
US-PATENT-CLASS-29-497.5 ..... c 37 N74-11300 *
US-PATENT-CLASS-29-497.5 ..... c 37 N75-13261 *
US-PATENT-CLASS-29-497 ..... c 09 N72-25261 *
US-PATENT-CLASS-29-497 ..... c 15 N73-32358 *
US-PATENT-CLASS-29-497 ..... c 37 N74-18128 *
US-PATENT-CLASS-29-498 ..... c 09 N72-25261 *
US-PATENT-CLASS-29-498 ..... c 15 N73-33383 *
US-PATENT-CLASS-29-498 ..... c 37 N74-11301 *
US-PATENT-CLASS-29-498 ..... c 37 N74-18128 *
US-PATENT-CLASS-29-498 ..... c 37 N74-21055 *
US-PATENT-CLASS-29-502 ..... c 09 N72-25261 *
US-PATENT-CLASS-29-503 ..... c 37 N74-11301 *
US-PATENT-CLASS-29-504 ..... c 37 N74-21055 *
US-PATENT-CLASS-29-504 ..... c 37 N75-13261 *
US-PATENT-CLASS-29-517 ..... c 15 N71-17650 *
US-PATENT-CLASS-29-521 ..... c 26 N83-10170 *
US-PATENT-CLASS-29-526 ..... c 37 N76-19437 *
US-PATENT-CLASS-29-526 ..... c 39 N76-31562 *
US-PATENT-CLASS-29-527.2 ..... c 15 N72-20444 *
US-PATENT-CLASS-29-527.2 ..... c 15 N73-32360 *
US-PATENT-CLASS-29-527.2 ..... c 37 N74-11301 *
US-PATENT-CLASS-29-527.2 ..... c 24 N75-33181 *
US-PATENT-CLASS-29-527.2 ..... c 24 N77-19171 *
US-PATENT-CLASS-29-558 ..... c 37 N91-32508 *
US-PATENT-CLASS-29-568 ..... c 37 N91-31656 *
US-PATENT-CLASS-29-57-4 ..... c 44 N79-24431 *
US-PATENT-CLASS-29-570 ..... c 26 N72-28761 *
US-PATENT-CLASS-29-571 ..... c 35 N75-13213 *
US-PATENT-CLASS-29-571 ..... c 33 N78-27326 *
US-PATENT-CLASS-29-571 ..... c 33 N81-26360 *
US-PATENT-CLASS-29-572 ..... c 09 N71-23027 *
US-PATENT-CLASS-29-572 ..... c 03 N71-24681 *
US-PATENT-CLASS-29-572 ..... c 03 N72-22041 *
US-PATENT-CLASS-29-572 ..... c 44 N74-14784 *
US-PATENT-CLASS-29-572 ..... c 44 N76-14600 *
US-PATENT-CLASS-29-572 ..... c 44 N76-28635 *
US-PATENT-CLASS-29-572 ..... c 44 N77-10635 *
US-PATENT-CLASS-29-572 ..... c 44 N78-24609 *
US-PATENT-CLASS-29-572 ..... c 44 N78-25527 *
US-PATENT-CLASS-29-572 ..... c 44 N78-25528 *
US-PATENT-CLASS-29-572 ..... c 44 N78-25529 *
US-PATENT-CLASS-29-572 ..... c 44 N79-11468 *
US-PATENT-CLASS-29-572 ..... c 44 N79-11472 *
US-PATENT-CLASS-29-572 ..... c 44 N79-17314 *
US-PATENT-CLASS-29-572 ..... c 44 N79-18444 *
US-PATENT-CLASS-29-572 ..... c 44 N79-24431 *
US-PATENT-CLASS-29-572 ..... c 44 N79-26475 *
US-PATENT-CLASS-29-572 ..... c 44 N79-31752 *
US-PATENT-CLASS-29-572 ..... c 44 N80-14474 *
US-PATENT-CLASS-29-572 ..... c 44 N82-28780 *
US-PATENT-CLASS-29-572 ..... c 44 N82-29709 *
US-PATENT-CLASS-29-572 ..... c 44 N83-13579 *
US-PATENT-CLASS-29-572 ..... c 76 N86-20150 *
US-PATENT-CLASS-29-572 ..... c 44 N86-32875 *
US-PATENT-CLASS-29-573 ..... c 14 N73-13417 *
US-PATENT-CLASS-29-575 ..... c 76 N87-15882 *
US-PATENT-CLASS-29-576-E .... c 76 N87-15882 *
US-PATENT-CLASS-29-576-J ..... c 76 N87-15882 *
US-PATENT-CLASS-29-576-W .... c 76 N87-15882 *
US-PATENT-CLASS-29-576B ..... c 44 N86-32875 *
US-PATENT-CLASS-29-576E ..... c 76 N85-30922 *
US-PATENT-CLASS-29-576J ..... c 35 N82-31659 *
US-PATENT-CLASS-29-576J ..... c 76 N85-30922 *
US-PATENT-CLASS-29-576S ..... c 35 N82-31659 *
US-PATENT-CLASS-29-576W ..... c 76 N85-30922 *
US-PATENT-CLASS-29-577 ..... c 44 N79-26475 *
US-PATENT-CLASS-29-578 ..... c 26 N72-17820 *
US-PATENT-CLASS-29-578 ..... c 33 N78-27326 *
US-PATENT-CLASS-29-578 ..... c 44 N79-18444 *
US-PATENT-CLASS-29-578 ..... c 44 N79-26475 *
US-PATENT-CLASS-29-578 ..... c 33 N81-26360 *
US-PATENT-CLASS-29-578 ..... c 76 N85-30922 *
US-PATENT-CLASS-29-578 ..... c 76 N87-15882 *
US-PATENT-CLASS-29-580 ..... c 09 N73-27150 * #
US-PATENT-CLASS-29-580 ..... c 44 N79-26475 *
US-PATENT-CLASS-29-580 ..... c 33 N81-26360 *
US-PATENT-CLASS-29-580 ..... c 35 N87-14671 *
US-PATENT-CLASS-29-588 ..... c 14 N71-27334 *
US-PATENT-CLASS-29-588 ..... c 14 N72-31446 *
US-PATENT-CLASS-29-588 ..... c 44 N74-14784 *
US-PATENT-CLASS-29-588 ..... c 44 N80-14474 *
US-PATENT-CLASS-29-589 ..... c 26 N72-17820 *
US-PATENT-CLASS-29-589 ..... c 09 N72-25261 *
US-PATENT-CLASS-29-589 ..... c 15 N73-14469 *
US-PATENT-CLASS-29-589 ..... c 44 N79-31752 *
US-PATENT-CLASS-29-590 ..... c 09 N72-22199 *
US-PATENT-CLASS-29-591 ..... c 15 N73-14469 *
US-PATENT-CLASS-29-591 ..... c 44 N79-18444 *
US-PATENT-CLASS-29-591 ..... c 35 N87-14671 *
US-PATENT-CLASS-29-592 ..... c 35 N75-13213 *
US-PATENT-CLASS-29-597 ..... c 33 N77-26385 *
US-PATENT-CLASS-29-599 ..... c 15 N72-25447 *
US-PATENT-CLASS-29-599 ..... c 26 N73-26752 *
US-PATENT-CLASS-29-599 ..... c 26 N73-32571 *
US-PATENT-CLASS-29-603 ..... c 08 N71-27210 *
US-PATENT-CLASS-29-604 ..... c 24 N75-13032 *
US-PATENT-CLASS-29-610SG .... c 35 N85-21598 *
US-PATENT-CLASS-29-610 ..... c 24 N75-30260 *
US-PATENT-CLASS-29-613 ..... c 24 N75-30260 *
US-PATENT-CLASS-29-613 ..... c 35 N82-24470 *
US-PATENT-CLASS-29-620 ..... c 35 N82-31659 *
US-PATENT-CLASS-29-622 ..... c 33 N77-26385 *
US-PATENT-CLASS-29-623.5 ..... c 44 N83-32176 *
US-PATENT-CLASS-29-623.5 ..... c 26 N84-22734 *
US-PATENT-CLASS-29-623.5 ..... c 44 N84-28205 *
US-PATENT-CLASS-29-623.5 ..... c 33 N91-27478 *
US-PATENT-CLASS-29-624 ..... c 15 N72-20444 *
US-PATENT-CLASS-29-624 ..... c 14 N73-13417 *
US-PATENT-CLASS-29-627 ..... c 44 N80-14474 *
US-PATENT-CLASS-29-628 ..... c 15 N72-22491 *
US-PATENT-CLASS-29-628 ..... c 09 N72-25261 *
US-PATENT-CLASS-29-628 ..... c 09 N73-28083 *
US-PATENT-CLASS-29-628 ..... c 33 N77-26385 *
US-PATENT-CLASS-29-628 ..... c 44 N78-25528 *
US-PATENT-CLASS-29-629 ..... c 09 N73-28083 *

US-PATENT-CLASS-307-295 ..... c 10 N72-17171 *
US-PATENT-CLASS-307-295 ..... c 10 N72-20223 *
US-PATENT-CLASS-307-295 ..... c 09 N72-21245 *
US-PATENT-CLASS-307-295 ..... c 09 N72-33204 *
US-PATENT-CLASS-307-295 ..... c 33 N74-34638 *
US-PATENT-CLASS-307-295 ..... c 33 N77-13315 *
US-PATENT-CLASS-307-296.2 .... c 33 N92-16196 *
US-PATENT-CLASS-307-296.7 .... c 33 N92-16196 *
US-PATENT-CLASS-307-296 ..... c 08 N71-12494 *
US-PATENT-CLASS-307-296 ..... c 07 N71-28430 *
US-PATENT-CLASS-307-297 ..... c 33 N78-17294 *
US-PATENT-CLASS-307-299 ..... c 08 N72-21198 *
US-PATENT-CLASS-307-299 ..... c 26 N72-21701 *
US-PATENT-CLASS-307-29 ..... c 03 N73-31988 *
US-PATENT-CLASS-307-300 ..... c 10 N71-27126 *
US-PATENT-CLASS-307-303 ..... c 08 N72-21198 *
US-PATENT-CLASS-307-303 ..... c 33 N92-16196 *
US-PATENT-CLASS-307-304 ..... c 09 N72-22201 *
US-PATENT-CLASS-307-304 ..... c 09 N73-20232 *
US-PATENT-CLASS-307-304 ..... c 33 N74-34638 *
US-PATENT-CLASS-307-305 ..... c 09 N72-23171 *
US-PATENT-CLASS-307-306 ..... c 33 N78-13320 *
US-PATENT-CLASS-307-306 ..... c 33 N81-17348 *
US-PATENT-CLASS-307-308 ..... c 14 N73-28488 *
US-PATENT-CLASS-307-309 ..... c 35 N75-13213 *
US-PATENT-CLASS-307-310 ..... c 09 N73-14214 *
US-PATENT-CLASS-307-311 ..... c 14 N72-18411 *
US-PATENT-CLASS-307-311 ..... c 08 N72-21198 *
US-PATENT-CLASS-307-311 ..... c 09 N73-14214 *
US-PATENT-CLASS-307-311 ..... c 33 N92-16196 *
US-PATENT-CLASS-307-313 ..... c 10 N72-20221 *
US-PATENT-CLASS-307-317 ..... c 09 N72-22200 *
US-PATENT-CLASS-307-317 ..... c 09 N72-22201 *
US-PATENT-CLASS-307-31 ..... c 44 N87-21410 *
US-PATENT-CLASS-307-321 ..... c 33 N75-19520 *
US-PATENT-CLASS-307-321 ..... c 33 N75-25041 *
US-PATENT-CLASS-307-322 ..... c 10 N72-22236 *
US-PATENT-CLASS-307-323 ..... c 10 N72-22236 *
US-PATENT-CLASS-307-350 ..... c 33 N78-18308 *
US-PATENT-CLASS-307-352 ..... c 33 N81-27396 *
US-PATENT-CLASS-307-353 ..... c 33 N81-27396 *
US-PATENT-CLASS-307-353 ..... c 33 N91-26438 *
US-PATENT-CLASS-307-354 ..... c 33 N87-21235 *
US-PATENT-CLASS-307-35 ..... c 33 N74-34638 *
US-PATENT-CLASS-307-360 ..... c 33 N78-18308 *
US-PATENT-CLASS-307-38 ..... c 03 N73-31988 *
US-PATENT-CLASS-307-415 ..... c 33 N82-24418 *
US-PATENT-CLASS-307-425 ..... c 36 N87-25567 *
US-PATENT-CLASS-307-490 ..... c 33 N87-22895 *
US-PATENT-CLASS-307-520 ..... c 33 N85-29145 *
US-PATENT-CLASS-307-521 ..... c 33 N85-29145 *
US-PATENT-CLASS-307-529 ..... c 33 N85-29145 *
US-PATENT-CLASS-307-53 ..... c 10 N71-26626 *
US-PATENT-CLASS-307-53 ..... c 33 N78-17296 *
US-PATENT-CLASS-307-566 ..... c 33 N86-20672 *
US-PATENT-CLASS-307-570 ..... c 33 N86-20672 *
US-PATENT-CLASS-307-572 ..... c 33 N86-20672 *
US-PATENT-CLASS-307-63 ..... c 44 N80-14472 *
US-PATENT-CLASS-307-64 ..... c 33 N77-30365 *
US-PATENT-CLASS-307-64 ..... c 44 N85-21769 *
US-PATENT-CLASS-307-64 ..... c 44 N87-21410 *
US-PATENT-CLASS-307-66 ..... c 44 N80-14472 *
US-PATENT-CLASS-307-66 ..... c 44 N85-21769 *
US-PATENT-CLASS-307-66 ..... c 44 N87-21410 *
US-PATENT-CLASS-307-69 ..... c 33 N78-17296 *
US-PATENT-CLASS-307-80 ..... c 44 N87-21410 *
US-PATENT-CLASS-307-81 ..... c 09 N72-17157 *
US-PATENT-CLASS-307-82 ..... c 33 N79-24254 *
US-PATENT-CLASS-307-82 ..... c 33 N85-29147 *
US-PATENT-CLASS-307-83 ..... c 09 N72-25262 *
US-PATENT-CLASS-307-87 ..... c 33 N84-33660 *
US-PATENT-CLASS-307-88.3 ..... c 09 N72-25258 *
US-PATENT-CLASS-307-88.5 ..... c 09 N70-34819 *
US-PATENT-CLASS-307-88.5 ..... c 09 N70-40272 *
US-PATENT-CLASS-307-88.5 ..... c 09 N70-41675 *
US-PATENT-CLASS-307-88.5 ..... c 10 N70-42032 *
US-PATENT-CLASS-307-88.5 ..... c 09 N71-10673 *
US-PATENT-CLASS-307-88.5 ..... c 10 N71-15910 *
US-PATENT-CLASS-307-88.5 ..... c 10 N71-16042 *
US-PATENT-CLASS-307-88.5 ..... c 10 N71-28739 *
US-PATENT-CLASS-307-88MP .... c 09 N72-22197 *
US-PATENT-CLASS-307-88 ..... c 08 N70-34743 *
US-PATENT-CLASS-307-88 ..... c 09 N70-38604 *
US-PATENT-CLASS-307-88 ..... c 09 N71-24803 *
US-PATENT-CLASS-307-88 ..... c 09 N71-26000 *
US-PATENT-CLASS-307-92 ..... c 09 N72-27227 *
US-PATENT-CLASS-307-98 ..... c 33 N79-28415 *
US-PATENT-CLASS-308-DIG.1 .... c 15 N72-17451 *
US-PATENT-CLASS-308-DIG.1 .... c 37 N79-10418 *
US-PATENT-CLASS-308-DIG.8 .... c 24 N79-17916 *
US-PATENT-CLASS-308-DIG.9 .... c 24 N79-17916 *
US-PATENT-CLASS-308-10 ..... c 15 N71-22997 *
US-PATENT-CLASS-308-10 ..... c 15 N72-33476 *
US-PATENT-CLASS-308-10 ..... c 35 N74-18323 *
US-PATENT-CLASS-308-10 ..... c 37 N75-18574 *
US-PATENT-CLASS-308-10 ..... c 37 N76-18459 *
US-PATENT-CLASS-308-10 ..... c 37 N77-17464 *
US-PATENT-CLASS-308-10 ..... c 44 N78-24608 *
US-PATENT-CLASS-308-10 ..... c 37 N78-27424 *
US-PATENT-CLASS-308-10 ..... c 35 N79-26372 *
US-PATENT-CLASS-308-10 ..... c 71 N81-15767 *
US-PATENT-CLASS-308-10 ..... c 44 N83-28574 *
US-PATENT-CLASS-308-10 ..... c 37 N83-32067 *
US-PATENT-CLASS-308-10 ..... c 37 N83-34323 *
US-PATENT-CLASS-308-10 ..... c 71 N83-36846 *
US-PATENT-CLASS-308-10 ..... c 37 N85-20337 *
US-PATENT-CLASS-308-121 ..... c 37 N74-32921 *
US-PATENT-CLASS-308-121 ..... c 37 N75-30562 *
US-PATENT-CLASS-308-121 ..... c 37 N79-10418 *
US-PATENT-CLASS-308-122 ..... c 37 N76-15461 *
US-PATENT-CLASS-308-160 ..... c 37 N76-15461 *
US-PATENT-CLASS-308-160 ..... c 37 N76-29588 *
US-PATENT-CLASS-308-160 ..... c 37 N79-10418 *
US-PATENT-CLASS-308-163 ..... c 37 N76-29588 *
US-PATENT-CLASS-308-163 ..... c 37 N79-10418 *
US-PATENT-CLASS-308-168 ..... c 24 N79-17916 *
US-PATENT-CLASS-308-170 ..... c 15 N71-28465 *
US-PATENT-CLASS-308-170 ..... c 37 N76-29588 *
US-PATENT-CLASS-308-171 ..... c 24 N79-17916 *
US-PATENT-CLASS-308-172 ..... c 37 N79-10418 *
US-PATENT-CLASS-308-174 ..... c 54 N75-12616 *
US-PATENT-CLASS-308-176 ..... c 15 N71-22982 *
US-PATENT-CLASS-308-177 ..... c 15 N71-29136 *
US-PATENT-CLASS-308-187 ..... c 15 N71-26189 *
US-PATENT-CLASS-308-188 ..... c 15 N73-30458 *
US-PATENT-CLASS-308-188 ..... c 37 N74-21064 *
US-PATENT-CLASS-308-191 ..... c 37 N74-21064 *
US-PATENT-CLASS-308-191 ..... c 37 N75-31446 *
US-PATENT-CLASS-308-193 ..... c 15 N73-30458 *
US-PATENT-CLASS-308-194 ..... c 37 N79-11404 *
US-PATENT-CLASS-308-195 ..... c 15 N72-22490 *
US-PATENT-CLASS-308-195 ..... c 37 N75-31446 *
US-PATENT-CLASS-308-195 ..... c 37 N77-32500 *
US-PATENT-CLASS-308-195 ..... c 37 N77-32501 *
US-PATENT-CLASS-308-1 ..... c 31 N71-26537 *
US-PATENT-CLASS-308-2A ..... c 15 N72-26371 *
US-PATENT-CLASS-308-2A ..... c 15 N73-12488 *
US-PATENT-CLASS-308-2A ..... c 37 N84-12492 *
US-PATENT-CLASS-308-201 ..... c 37 N75-31446 *
US-PATENT-CLASS-308-2 ..... c 15 N71-23812 *
US-PATENT-CLASS-308-35 ..... c 15 N73-32359 *
US-PATENT-CLASS-308-5R ..... c 37 N77-28486 *
US-PATENT-CLASS-308-5R ..... c 37 N79-10418 *
US-PATENT-CLASS-308-5 ..... c 15 N71-10617 *
US-PATENT-CLASS-308-5 ..... c 15 N72-11388 *
US-PATENT-CLASS-308-5 ..... c 15 N72-17451 *
US-PATENT-CLASS-308-72 ..... c 37 N76-15461 *
US-PATENT-CLASS-308-72 ..... c 37 N77-32500 *
US-PATENT-CLASS-308-72 ..... c 37 N79-11404 *
US-PATENT-CLASS-308-73 ..... c 37 N74-21061 *
US-PATENT-CLASS-308-73 ..... c 37 N75-30562 *
US-PATENT-CLASS-308-73 ..... c 37 N76-15461 *
US-PATENT-CLASS-308-73 ..... c 37 N77-28486 *
US-PATENT-CLASS-308-78 ..... c 24 N79-17916 *
US-PATENT-CLASS-308-87R ..... c 24 N79-17916 *
US-PATENT-CLASS-308-9 ..... c 15 N70-34664 *
US-PATENT-CLASS-308-9 ..... c 15 N70-38620 *
US-PATENT-CLASS-308-9 ..... c 15 N70-39896 *
US-PATENT-CLASS-308-9 ..... c 15 N71-20739 *
US-PATENT-CLASS-308-9 ..... c 14 N71-26627 *
US-PATENT-CLASS-308-9 ..... c 15 N72-17451 *
US-PATENT-CLASS-308-9 ..... c 15 N73-32359 *
US-PATENT-CLASS-308-9 ..... c 37 N76-15461 *
US-PATENT-CLASS-308-9 ..... c 37 N77-28486 *
US-PATENT-CLASS-308-9 ..... c 37 N79-10418 *
US-PATENT-CLASS-31-35 ..... c 31 N85-21404 *
US-PATENT-CLASS-310-101 ..... c 15 N71-24696 *
US-PATENT-CLASS-310-10 ..... c 03 N69-39890 * #
US-PATENT-CLASS-310-10 ..... c 09 N71-23443 *
US-PATENT-CLASS-310-10 ..... c 09 N71-24904 *
US-PATENT-CLASS-310-10 ..... c 09 N72-25255 *
US-PATENT-CLASS-310-10 ..... c 20 N75-24837 *
US-PATENT-CLASS-310-111 ..... c 33 N77-26387 *
US-PATENT-CLASS-310-112 ..... c 37 N92-33634 *
US-PATENT-CLASS-310-11 ..... c 25 N69-21929 * #
US-PATENT-CLASS-310-11 ..... c 03 N69-39983 * #
US-PATENT-CLASS-310-11 ..... c 03 N70-36803 *
US-PATENT-CLASS-310-11 ..... c 14 N72-22439 *
US-PATENT-CLASS-310-11 ..... c 12 N72-25292 *
US-PATENT-CLASS-310-11 ..... c 35 N74-21018 *
US-PATENT-CLASS-310-11 ..... c 36 N75-32441 *
US-PATENT-CLASS-310-11 ..... c 44 N83-28573 *
US-PATENT-CLASS-310-11 ..... c 27 N91-14489 *
US-PATENT-CLASS-310-12 ..... c 33 N82-24421 *
US-PATENT-CLASS-310-12 ..... c 37 N83-32067 *
US-PATENT-CLASS-310-153 ..... c 44 N78-24608 *
US-PATENT-CLASS-310-154 ..... c 44 N78-24608 *
US-PATENT-CLASS-310-154 ..... c 35 N84-28017 *
US-PATENT-CLASS-310-15 ..... c 09 N72-25255 *
US-PATENT-CLASS-310-15 ..... c 44 N83-28574 *
US-PATENT-CLASS-310-15 ..... c 33 N87-23904 *
US-PATENT-CLASS-310-168 ..... c 09 N71-25999 *
US-PATENT-CLASS-310-168 ..... c 33 N77-26387 *
US-PATENT-CLASS-310-171 ..... c 35 N84-28017 *
US-PATENT-CLASS-310-178 ..... c 44 N78-24608 *
US-PATENT-CLASS-310-20 ..... c 71 N79-20827 *
US-PATENT-CLASS-310-22 ..... c 31 N85-21404 *
US-PATENT-CLASS-310-231 ..... c 33 N79-20314 *
US-PATENT-CLASS-310-254 ..... c 09 N71-25999 *
US-PATENT-CLASS-310-265 ..... c 33 N92-15331 *
US-PATENT-CLASS-310-269 ..... c 44 N78-24608 *
US-PATENT-CLASS-310-26 ..... c 71 N79-20827 *
US-PATENT-CLASS-310-26 ..... c 33 N92-15331 *
US-PATENT-CLASS-310-2 ..... c 03 N72-23048 *
US-PATENT-CLASS-310-300 ..... c 71 N84-23233 *
US-PATENT-CLASS-310-306 ..... c 33 N80-18287 *
US-PATENT-CLASS-310-306 ..... c 44 N83-32175 *
US-PATENT-CLASS-310-306 ..... c 34 N85-29179 *
US-PATENT-CLASS-310-306 ..... c 37 N87-23970 *
US-PATENT-CLASS-310-308 ..... c 33 N92-22042 *
US-PATENT-CLASS-310-309 ..... c 33 N92-22042 *
US-PATENT-CLASS-310-30 ..... c 44 N80-29834 *
US-PATENT-CLASS-310-30 ..... c 33 N87-23904 *
US-PATENT-CLASS-310-311 ..... c 35 N80-20559 *
US-PATENT-CLASS-310-317 ..... c 35 N84-22932 *
US-PATENT-CLASS-310-319 ..... c 33 N80-23559 *
US-PATENT-CLASS-310-322 ..... c 71 N79-20827 *
US-PATENT-CLASS-310-323 ..... c 71 N91-14808 *
US-PATENT-CLASS-310-324 ..... c 33 N86-20671 *
US-PATENT-CLASS-310-325 ..... c 71 N91-14808 *
US-PATENT-CLASS-310-326 ..... c 38 N79-14398 *
US-PATENT-CLASS-310-327 ..... c 35 N80-20559 *
US-PATENT-CLASS-310-330 ..... c 76 N91-14872 *
US-PATENT-CLASS-310-331 ..... c 76 N91-14872 *
US-PATENT-CLASS-310-332 ..... c 76 N83-34796 *
US-PATENT-CLASS-310-334 ..... c 71 N79-20827 *
US-PATENT-CLASS-310-334 ..... c 35 N80-20559 *
US-PATENT-CLASS-310-334 ..... c 35 N84-22932 *
US-PATENT-CLASS-310-334 ..... c 71 N91-14808 *
US-PATENT-CLASS-310-336 ..... c 38 N79-14398 *
US-PATENT-CLASS-310-338 ..... c 35 N89-14407 *
US-PATENT-CLASS-310-339 ..... c 76 N91-14872 *
US-PATENT-CLASS-310-340 ..... c 76 N91-14872 *
US-PATENT-CLASS-310-360 ..... c 35 N80-20559 *
US-PATENT-CLASS-310-366 ..... c 35 N84-22932 *
US-PATENT-CLASS-310-4A ..... c 37 N77-19458 *
US-PATENT-CLASS-310-4R ..... c 33 N74-27683 *
US-PATENT-CLASS-310-4R ..... c 73 N77-18891 *
US-PATENT-CLASS-310-40 ..... c 20 N75-24837 *
US-PATENT-CLASS-310-42 ..... c 14 N72-22439 *
US-PATENT-CLASS-310-46 ..... c 33 N79-20314 *
US-PATENT-CLASS-310-4 ..... c 09 N69-21313 * #
US-PATENT-CLASS-310-4 ..... c 03 N69-39898 * #
US-PATENT-CLASS-310-4 ..... c 09 N69-39929 * #
US-PATENT-CLASS-310-4 ..... c 03 N70-34134 *
US-PATENT-CLASS-310-4 ..... c 03 N71-11055 *
US-PATENT-CLASS-310-4 ..... c 22 N71-23599 *
US-PATENT-CLASS-310-4 ..... c 09 N71-24807 *
US-PATENT-CLASS-310-4 ..... c 33 N71-27862 *
US-PATENT-CLASS-310-4 ..... c 09 N71-28421 *
US-PATENT-CLASS-310-4 ..... c 09 N72-25260 *
US-PATENT-CLASS-310-4 ..... c 09 N72-27228 *
US-PATENT-CLASS-310-4 ..... c 20 N75-24837 *
US-PATENT-CLASS-310-4 ..... c 36 N75-30524 *
US-PATENT-CLASS-310-4 ..... c 44 N76-16612 *
US-PATENT-CLASS-310-51 ..... c 15 N71-27169 *
US-PATENT-CLASS-310-52 ..... c 20 N75-24837 *
US-PATENT-CLASS-310-54 ..... c 09 N71-20446 *
US-PATENT-CLASS-310-5 ..... c 03 N70-35408 *
US-PATENT-CLASS-310-68B ..... c 35 N84-28017 *
US-PATENT-CLASS-310-68 ..... c 15 N72-25456 *
US-PATENT-CLASS-310-77 ..... c 37 N85-30333 *
US-PATENT-CLASS-310-8.2 ..... c 35 N76-15432 *
US-PATENT-CLASS-310-8.5 ..... c 14 N71-22993 *
US-PATENT-CLASS-310-800 ..... c 76 N83-34796 *
US-PATENT-CLASS-310-80 ..... c 15 N72-25456 *
US-PATENT-CLASS-310-82 ..... c 33 N79-20314 *
US-PATENT-CLASS-310-82 ..... c 37 N92-33634 *
US-PATENT-CLASS-310-83 ..... c 15 N72-25456 *
US-PATENT-CLASS-310-83 ..... c 33 N92-15331 *
US-PATENT-CLASS-310-9.1 ..... c 15 N71-21311 *
US-PATENT-CLASS-310-90.5 ..... c 37 N87-17038 *
US-PATENT-CLASS-310-90.5 ..... c 37 N91-21539 *
US-PATENT-CLASS-310-90.5 ..... c 70 N91-21824 *
US-PATENT-CLASS-310-90.5 ..... c 37 N92-29099 *
US-PATENT-CLASS-310-93 ..... c 15 N71-17652 *
US-PATENT-CLASS-310-93 ..... c 37 N85-30333 *
US-PATENT-CLASS-311-37 ..... c 35 N75-29380 *
US-PATENT-CLASS-312-196 ..... c 54 N88-24163 *
US-PATENT-CLASS-312-1 ..... c 05 N71-23080 *
US-PATENT-CLASS-312-1 ..... c 05 N73-20137 *
US-PATENT-CLASS-312-1 ..... c 37 N74-20063 *
US-PATENT-CLASS-312-208 ..... c 54 N88-24163 *
US-PATENT-CLASS-312-209 ..... c 37 N74-18123 *
US-PATENT-CLASS-312-257 ..... c 31 N72-22874 *
US-PATENT-CLASS-312-296 ..... c 09 N71-18600 *
US-PATENT-CLASS-312-300 ..... c 54 N88-24163 *
US-PATENT-CLASS-312-319 ..... c 37 N79-33467 *

US-PATENT-CLASS-312-7.2 ..... c 54 N88-24163 *
US-PATENT-CLASS-313-DIG.8 .... c 28 N73-24783 *
US-PATENT-CLASS-313-104 ..... c 14 N73-32317 *
US-PATENT-CLASS-313-106 ..... c 24 N83-10117 *
US-PATENT-CLASS-313-106 ..... c 70 N84-28565 *
US-PATENT-CLASS-313-106 ..... c 31 N86-32587 *
US-PATENT-CLASS-313-107 ..... c 24 N83-10117 *
US-PATENT-CLASS-313-107 ..... c 70 N84-28565 *
US-PATENT-CLASS-313-107 ..... c 31 N86-32587 *
US-PATENT-CLASS-313-109.5 .... c 09 N71-33519 *
US-PATENT-CLASS-313-11.5 ..... c 28 N70-39925 *
US-PATENT-CLASS-313-110 ..... c 09 N71-12521 *
US-PATENT-CLASS-313-131A .... c 33 N85-21491 *
US-PATENT-CLASS-313-146 ..... c 33 N77-22386 *
US-PATENT-CLASS-313-153 ..... c 33 N74-12913 *
US-PATENT-CLASS-313-156 ..... c 25 N70-34661 *
US-PATENT-CLASS-313-156 ..... c 72 N80-27163 *
US-PATENT-CLASS-313-161 ..... c 25 N73-25760 *
US-PATENT-CLASS-313-161 ..... c 09 N73-30181 *
US-PATENT-CLASS-313-161 ..... c 33 N77-21315 *
US-PATENT-CLASS-313-175 ..... c 33 N77-21316 *
US-PATENT-CLASS-313-175 ..... c 31 N78-17238 *
US-PATENT-CLASS-313-176 ..... c 31 N78-17238 *
US-PATENT-CLASS-313-180 ..... c 33 N77-21316 *
US-PATENT-CLASS-313-180 ..... c 31 N78-17238 *
US-PATENT-CLASS-313-182 ..... c 33 N77-22386 *
US-PATENT-CLASS-313-184 ..... c 33 N77-21315 *
US-PATENT-CLASS-313-184 ..... c 33 N77-21316 *
US-PATENT-CLASS-313-184 ..... c 31 N78-17238 *
US-PATENT-CLASS-313-186 ..... c 25 N72-24753 *
US-PATENT-CLASS-313-209 ..... c 33 N74-12913 *
US-PATENT-CLASS-313-212 ..... c 25 N72-24753 *
US-PATENT-CLASS-313-217 ..... c 28 N73-27699 *
US-PATENT-CLASS-313-217 ..... c 33 N74-12913 *
US-PATENT-CLASS-313-218 ..... c 28 N73-27699 *
US-PATENT-CLASS-313-224 ..... c 25 N72-24753 *
US-PATENT-CLASS-313-224 ..... c 33 N74-12913 *
US-PATENT-CLASS-313-224 ..... c 33 N77-21315 *
US-PATENT-CLASS-313-224 ..... c 31 N78-17238 *
US-PATENT-CLASS-313-22 ..... c 09 N71-26787 *
US-PATENT-CLASS-313-22 ..... c 31 N78-17237 *
US-PATENT-CLASS-313-22 ..... c 31 N78-25256 *
US-PATENT-CLASS-313-22 ..... c 34 N79-20336 *
US-PATENT-CLASS-313-230 ..... c 28 N71-28850 *
US-PATENT-CLASS-313-230 ..... c 28 N73-27699 *
US-PATENT-CLASS-313-230 ..... c 20 N77-20162 *
US-PATENT-CLASS-313-231.3 .... c 20 N77-20162 *
US-PATENT-CLASS-313-231.3 .... c 75 N78-27913 *
US-PATENT-CLASS-313-231.4 .... c 20 N77-10148 *
US-PATENT-CLASS-313-231.4 .... c 72 N80-33186 *
US-PATENT-CLASS-313-231 ..... c 06 N69-39889 * #
US-PATENT-CLASS-313-231 ..... c 09 N71-23190 *
US-PATENT-CLASS-313-231 ..... c 09 N71-33519 *
US-PATENT-CLASS-313-231 ..... c 25 N72-24753 *
US-PATENT-CLASS-313-231 ..... c 25 N72-32688 *
US-PATENT-CLASS-313-231 ..... c 28 N73-24783 *
US-PATENT-CLASS-313-231 ..... c 25 N73-25760 *
US-PATENT-CLASS-313-236 ..... c 09 N71-26182 *
US-PATENT-CLASS-313-237 ..... c 09 N71-26182 *
US-PATENT-CLASS-313-237 ..... c 33 N87-28832 *
US-PATENT-CLASS-313-240 ..... c 20 N77-10148 *
US-PATENT-CLASS-313-250 ..... c 31 N76-31365 *
US-PATENT-CLASS-313-271 ..... c 25 N71-20747 *
US-PATENT-CLASS-313-278 ..... c 33 N87-28832 *
US-PATENT-CLASS-313-306 ..... c 31 N76-31365 *
US-PATENT-CLASS-313-309 ..... c 10 N72-27246 *
US-PATENT-CLASS-313-309 ..... c 31 N76-31365 *
US-PATENT-CLASS-313-311 ..... c 73 N77-18891 *
US-PATENT-CLASS-313-32 ..... c 33 N74-12913 *
US-PATENT-CLASS-313-32 ..... c 33 N77-21315 *
US-PATENT-CLASS-313-336 ..... c 10 N72-27246 *
US-PATENT-CLASS-313-338 ..... c 31 N76-31365 *
US-PATENT-CLASS-313-348 ..... c 35 N82-24471 *
US-PATENT-CLASS-313-351 ..... c 10 N72-27246 *
US-PATENT-CLASS-313-351 ..... c 70 N84-28565 *
US-PATENT-CLASS-313-352 ..... c 09 N71-22987 *
US-PATENT-CLASS-313-355 ..... c 28 N73-27699 *
US-PATENT-CLASS-313-356 ..... c 14 N72-29464 *
US-PATENT-CLASS-313-359.1 .... c 72 N87-21660 *
US-PATENT-CLASS-313-35 ..... c 34 N79-20336 *
US-PATENT-CLASS-313-360 ..... c 20 N77-20162 *
US-PATENT-CLASS-313-361.1 .... c 72 N87-21660 *
US-PATENT-CLASS-313-361 ..... c 20 N77-10148 *
US-PATENT-CLASS-313-362.1 .... c 72 N87-21660 *
US-PATENT-CLASS-313-362 ..... c 72 N80-27163 *
US-PATENT-CLASS-313-362 ..... c 72 N80-33186 *
US-PATENT-CLASS-313-363 ..... c 72 N80-27163 *
US-PATENT-CLASS-313-442 ..... c 74 N78-18905 *
US-PATENT-CLASS-313-44 ..... c 15 N69-24319 * #
US-PATENT-CLASS-313-502 ..... c 76 N91-21911 *
US-PATENT-CLASS-313-502 ..... c 74 N91-31950 *
US-PATENT-CLASS-313-503 ..... c 76 N91-21911 *
US-PATENT-CLASS-313-503 ..... c 74 N91-31950 *
US-PATENT-CLASS-313-505 ..... c 33 N87-28831 *
US-PATENT-CLASS-313-506 ..... c 33 N87-28831 *
US-PATENT-CLASS-313-506 ..... c 76 N91-21911 *
US-PATENT-CLASS-313-506 ..... c 74 N91-31950 *
US-PATENT-CLASS-313-509 ..... c 33 N87-28831 *
US-PATENT-CLASS-313-509 ..... c 74 N91-31950 *
US-PATENT-CLASS-313-60 ..... c 33 N77-22386 *
US-PATENT-CLASS-313-61S ..... c 73 N74-26767 *
US-PATENT-CLASS-313-61S ..... c 37 N78-13436 *
US-PATENT-CLASS-313-63 ..... c 28 N70-41576 *
US-PATENT-CLASS-313-63 ..... c 09 N71-10618 *
US-PATENT-CLASS-313-63 ..... c 28 N71-26781 *
US-PATENT-CLASS-313-63 ..... c 28 N73-24783 *
US-PATENT-CLASS-313-63 ..... c 28 N73-27699 *
US-PATENT-CLASS-313-63 ..... c 75 N75-13625 *
US-PATENT-CLASS-313-7 ..... c 14 N71-18482 *
US-PATENT-CLASS-313-7 ..... c 14 N73-32324 *
US-PATENT-CLASS-313-93 ..... c 35 N74-26949 *
US-PATENT-CLASS-313-93 ..... c 35 N82-24471 *
US-PATENT-CLASS-313-94 ..... c 33 N76-31409 *
US-PATENT-CLASS-313-94 ..... c 74 N78-18905 *
US-PATENT-CLASS-314-129 ..... c 15 N69-24266 * #
US-PATENT-CLASS-315-DIG.2 .... c 16 N73-32391 *
US-PATENT-CLASS-315-101 ..... c 16 N73-32391 *
US-PATENT-CLASS-315-108 ..... c 09 N71-33519 *
US-PATENT-CLASS-315-108 ..... c 33 N77-21316 *
US-PATENT-CLASS-315-108 ..... c 36 N78-17366 *
US-PATENT-CLASS-315-10 ..... c 33 N74-21850 *
US-PATENT-CLASS-315-10 ..... c 33 N75-26244 *
US-PATENT-CLASS-315-110 ..... c 33 N77-21316 *
US-PATENT-CLASS-315-111.2 .... c 75 N78-27913 *
US-PATENT-CLASS-315-111.31 .. c 33 N85-21491 *
US-PATENT-CLASS-315-111.3 .... c 20 N77-10148 *
US-PATENT-CLASS-315-111.3 .... c 20 N77-20162 *
US-PATENT-CLASS-315-111.41 .. c 72 N88-24253 *
US-PATENT-CLASS-315-111.6 .... c 75 N76-14931 *
US-PATENT-CLASS-315-111.6 .... c 20 N77-20162 *
US-PATENT-CLASS-315-111.71 .. c 72 N88-24253 *
US-PATENT-CLASS-315-111.81 .. c 33 N85-21491 *
US-PATENT-CLASS-315-111.81 .. c 33 N87-21234 *
US-PATENT-CLASS-315-111.81 .. c 72 N88-24253 *
US-PATENT-CLASS-315-111 ..... c 25 N70-33267 *
US-PATENT-CLASS-315-111 ..... c 25 N70-41628 *
US-PATENT-CLASS-315-111 ..... c 25 N71-15562 *
US-PATENT-CLASS-315-111 ..... c 24 N71-16213 *
US-PATENT-CLASS-315-111 ..... c 25 N71-21693 *
US-PATENT-CLASS-315-111 ..... c 28 N71-26781 *
US-PATENT-CLASS-315-111 ..... c 25 N71-29184 *
US-PATENT-CLASS-315-111 ..... c 09 N71-33519 *
US-PATENT-CLASS-315-111 ..... c 25 N72-24753 *
US-PATENT-CLASS-315-111 ..... c 25 N72-32688 *
US-PATENT-CLASS-315-111 ..... c 14 N73-30391 *
US-PATENT-CLASS-315-111 ..... c 75 N75-13625 *
US-PATENT-CLASS-315-111 ..... c 33 N75-29318 *
US-PATENT-CLASS-315-111 ..... c 37 N75-29426 *
US-PATENT-CLASS-315-11 ..... c 33 N74-21850 *
US-PATENT-CLASS-315-12 ..... c 33 N74-21850 *
US-PATENT-CLASS-315-135 ..... c 09 N72-25250 *
US-PATENT-CLASS-315-145 ..... c 33 N80-14330 *
US-PATENT-CLASS-315-151 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-153 ..... c 14 N73-16483 *
US-PATENT-CLASS-315-153 ..... c 74 N79-12890 *
US-PATENT-CLASS-315-156 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-158 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-160 ..... c 09 N71-12540 *
US-PATENT-CLASS-315-169R .... c 23 N73-13660 *
US-PATENT-CLASS-315-169R .... c 36 N75-19652 *
US-PATENT-CLASS-315-169TV .. c 23 N73-13660 *
US-PATENT-CLASS-315-172 ..... c 33 N88-24862 *
US-PATENT-CLASS-315-173 ..... c 33 N88-24862 *
US-PATENT-CLASS-315-176 ..... c 33 N77-28385 *
US-PATENT-CLASS-315-18 ..... c 32 N74-20813 *
US-PATENT-CLASS-315-18 ..... c 33 N75-19517 *
US-PATENT-CLASS-315-200-R ... c 33 N88-23942 *
US-PATENT-CLASS-315-208 ..... c 33 N83-34189 *
US-PATENT-CLASS-315-209CD .. c 37 N79-11405 *
US-PATENT-CLASS-315-209SC .. c 37 N79-11405 *
US-PATENT-CLASS-315-211 ..... c 33 N74-20859 *
US-PATENT-CLASS-315-22R ..... c 10 N72-31273 *
US-PATENT-CLASS-315-224 ..... c 33 N83-34189 *
US-PATENT-CLASS-315-225 ..... c 33 N83-34189 *
US-PATENT-CLASS-315-227-R ... c 33 N88-23942 *
US-PATENT-CLASS-315-228 ..... c 33 N74-20859 *
US-PATENT-CLASS-315-22 ..... c 10 N72-20225 *
US-PATENT-CLASS-315-22 ..... c 32 N74-20813 *
US-PATENT-CLASS-315-22 ..... c 33 N78-17293 *
US-PATENT-CLASS-315-237 ..... c 33 N83-34189 *
US-PATENT-CLASS-315-241-R ... c 33 N88-23942 *
US-PATENT-CLASS-315-241R .... c 37 N79-11405 *
US-PATENT-CLASS-315-241R .... c 33 N83-34189 *
US-PATENT-CLASS-315-241 ..... c 09 N71-13518 *
US-PATENT-CLASS-315-248 ..... c 09 N73-30181 *
US-PATENT-CLASS-315-24 ..... c 08 N71-20571 *
US-PATENT-CLASS-315-254 ..... c 33 N88-23942 *
US-PATENT-CLASS-315-255 ..... c 33 N88-23942 *
US-PATENT-CLASS-315-258 ..... c 16 N73-32391 *
US-PATENT-CLASS-315-25 ..... c 10 N72-20225 *
US-PATENT-CLASS-315-260 ..... c 33 N80-14330 *
US-PATENT-CLASS-315-26 ..... c 09 N71-23189 *
US-PATENT-CLASS-315-276 ..... c 33 N88-23942 *
US-PATENT-CLASS-315-277 ..... c 33 N88-23942 *
US-PATENT-CLASS-315-297 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-3.5 ..... c 09 N73-13208 *
US-PATENT-CLASS-315-3.5 ..... c 33 N79-10339 *
US-PATENT-CLASS-315-3.5 ..... c 33 N82-26568 *
US-PATENT-CLASS-315-3.5 ..... c 33 N84-16452 *
US-PATENT-CLASS-315-3.5 ..... c 37 N85-33489 *
US-PATENT-CLASS-315-3.5 ..... c 33 N86-21742 *
US-PATENT-CLASS-315-3.5 ..... c 33 N90-22724 *
US-PATENT-CLASS-315-3.6 ..... c 33 N79-10339 *
US-PATENT-CLASS-315-3.6 ..... c 33 N82-24415 *
US-PATENT-CLASS-315-3.6 ..... c 33 N82-26568 *
US-PATENT-CLASS-315-3.6 ..... c 33 N84-16452 *
US-PATENT-CLASS-315-3.6 ..... c 33 N84-27974 *
US-PATENT-CLASS-315-3.6 ..... c 33 N86-21742 *
US-PATENT-CLASS-315-30R ..... c 10 N72-31273 *
US-PATENT-CLASS-315-307 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-30 ..... c 33 N75-27250 *
US-PATENT-CLASS-315-310 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-311 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-324 ..... c 09 N73-30181 *
US-PATENT-CLASS-315-326 ..... c 25 N72-24753 *
US-PATENT-CLASS-315-334 ..... c 33 N80-14330 *
US-PATENT-CLASS-315-344 ..... c 33 N77-21315 *
US-PATENT-CLASS-315-349 ..... c 09 N72-25250 *
US-PATENT-CLASS-315-356 ..... c 16 N73-32391 *
US-PATENT-CLASS-315-358 ..... c 25 N72-24753 *
US-PATENT-CLASS-315-367 ..... c 33 N75-26244 *
US-PATENT-CLASS-315-369 ..... c 33 N75-26244 *
US-PATENT-CLASS-315-36 ..... c 10 N72-27246 *
US-PATENT-CLASS-315-387 ..... c 33 N75-26244 *
US-PATENT-CLASS-315-39.3 ..... c 33 N84-16452 *
US-PATENT-CLASS-315-39.3 ..... c 33 N84-27974 *
US-PATENT-CLASS-315-39.3 ..... c 33 N86-21742 *
US-PATENT-CLASS-315-3 ..... c 33 N83-31952 *
US-PATENT-CLASS-315-3 ..... c 33 N90-22724 *
US-PATENT-CLASS-315-4 ..... c 33 N83-31952 *
US-PATENT-CLASS-315-5.35 ..... c 33 N74-10195 *
US-PATENT-CLASS-315-5.35 ..... c 33 N83-31952 *
US-PATENT-CLASS-315-5.38 ..... c 09 N73-13208 *
US-PATENT-CLASS-315-5.38 ..... c 33 N74-10195 *
US-PATENT-CLASS-315-5.38 ..... c 33 N82-24415 *
US-PATENT-CLASS-315-5.38 ..... c 24 N83-10117 *
US-PATENT-CLASS-315-5.38 ..... c 33 N83-31952 *
US-PATENT-CLASS-315-5.38 ..... c 70 N84-28565 *
US-PATENT-CLASS-315-5.38 ..... c 37 N85-33489 *
US-PATENT-CLASS-315-5.38 ..... c 31 N86-32587 *
US-PATENT-CLASS-315-5 ..... c 33 N83-31952 *
US-PATENT-CLASS-317-DIG.3 .... c 10 N71-26334 *
US-PATENT-CLASS-317-DIG.6 .... c 10 N73-26228 *
US-PATENT-CLASS-317-100 ..... c 10 N71-28783 *
US-PATENT-CLASS-317-100 ..... c 10 N73-25243 *
US-PATENT-CLASS-317-101A .... c 09 N72-33205 *
US-PATENT-CLASS-317-101A .... c 23 N73-13660 *
US-PATENT-CLASS-317-101DH .. c 15 N72-22486 *
US-PATENT-CLASS-317-101DH .. c 10 N73-25243 *
US-PATENT-CLASS-317-101 ..... c 09 N71-26133 *
US-PATENT-CLASS-317-117 ..... c 15 N72-22486 *
US-PATENT-CLASS-317-120 ..... c 15 N72-22486 *
US-PATENT-CLASS-317-122 ..... c 15 N71-18701 *
US-PATENT-CLASS-317-123 ..... c 09 N71-24892 *
US-PATENT-CLASS-317-140 ..... c 09 N70-34502 *
US-PATENT-CLASS-317-148.5 .... c 10 N71-23271 *
US-PATENT-CLASS-317-148.5 .... c 09 N71-24892 *
US-PATENT-CLASS-317-153 ..... c 10 N71-26334 *
US-PATENT-CLASS-317-155.5 .... c 09 N71-29008 *
US-PATENT-CLASS-317-157.5 .... c 15 N69-21472 * #
US-PATENT-CLASS-317-158 ..... c 15 N73-28516 *
US-PATENT-CLASS-317-158 ..... c 26 N73-28710 *
US-PATENT-CLASS-317-158 ..... c 15 N73-32361 *
US-PATENT-CLASS-317-16 ..... c 09 N69-39897 * #
US-PATENT-CLASS-317-16 ..... c 33 N74-17929 *
US-PATENT-CLASS-317-2D ..... c 33 N77-10429 *
US-PATENT-CLASS-317-20 ..... c 10 N71-26531 *
US-PATENT-CLASS-317-230 ..... c 09 N71-27232 *
US-PATENT-CLASS-317-230 ..... c 26 N72-28761 *
US-PATENT-CLASS-317-231 ..... c 09 N71-27232 *
US-PATENT-CLASS-317-234A .... c 15 N73-14469 *
US-PATENT-CLASS-317-234D .... c 14 N72-31446 *
US-PATENT-CLASS-317-234E .... c 33 N74-12951 *
US-PATENT-CLASS-317-234F .... c 33 N74-12951 *
US-PATENT-CLASS-317-234G .... c 14 N72-31446 *
US-PATENT-CLASS-317-234G .... c 15 N73-14469 *
US-PATENT-CLASS-317-234G .... c 09 N73-27150 * #
US-PATENT-CLASS-317-234J .... c 26 N72-25679 *
US-PATENT-CLASS-317-234L .... c 09 N73-27150 * #
US-PATENT-CLASS-317-234M .... c 09 N73-27150 * #
US-PATENT-CLASS-317-234M .... c 33 N74-12951 *
US-PATENT-CLASS-317-234N .... c 09 N73-27150 * #
US-PATENT-CLASS-317-234N .... c 33 N74-12951 *
US-PATENT-CLASS-317-234R .... c 09 N73-27150 * #
US-PATENT-CLASS-317-234R .... c 33 N74-12951 *
US-PATENT-CLASS-317-234V .... c 26 N72-21701 *
US-PATENT-CLASS-317-234V .... c 09 N73-15235 *
US-PATENT-CLASS-317-234 ..... c 14 N69-23191 * #

US-PATENT-CLASS-317-234 ..... c 09 N69-27422 * #
US-PATENT-CLASS-317-234 ..... c 26 N71-18064 *
US-PATENT-CLASS-317-235AG . c 09 N73-15235 *
US-PATENT-CLASS-317-235AJ ... c 26 N72-25679 *
US-PATENT-CLASS-317-235AJ ... c 09 N72-33205 *
US-PATENT-CLASS-317-235AM . c 09 N73-19235 *
US-PATENT-CLASS-317-235A .... c 26 N72-25679 *
US-PATENT-CLASS-317-235A .... c 09 N72-33205 *
US-PATENT-CLASS-317-235H .... c 35 N75-13213 *
US-PATENT-CLASS-317-235K .... c 09 N73-15235 *
US-PATENT-CLASS-317-235M .... c 14 N72-31446 *
US-PATENT-CLASS-317-235N .... c 09 N73-19235 *
US-PATENT-CLASS-317-235N .... c 35 N74-15090 *
US-PATENT-CLASS-317-235R .... c 26 N72-21701 *
US-PATENT-CLASS-317-235R .... c 26 N72-25679 *
US-PATENT-CLASS-317-235R .... c 14 N72-31446 *
US-PATENT-CLASS-317-235R .... c 09 N73-19235 *
US-PATENT-CLASS-317-235R .... c 09 N73-32112 *
US-PATENT-CLASS-317-235T .... c 09 N73-19235 *
US-PATENT-CLASS-317-235UA .. c 09 N73-19235 *
US-PATENT-CLASS-317-235WW c 09 N73-32112 *
US-PATENT-CLASS-317-235 ..... c 09 N69-24318 * #
US-PATENT-CLASS-317-235 ..... c 09 N72-33205 *
US-PATENT-CLASS-317-238 ..... c 09 N71-27232 *
US-PATENT-CLASS-317-245 ..... c 33 N79-21265 *
US-PATENT-CLASS-317-246 ..... c 14 N69-21541 * #
US-PATENT-CLASS-317-246 ..... c 33 N76-21390 *
US-PATENT-CLASS-317-246 ..... c 35 N76-22509 *
US-PATENT-CLASS-317-247 ..... c 14 N72-24477 *
US-PATENT-CLASS-317-258 ..... c 09 N71-13522 *
US-PATENT-CLASS-317-258 ..... c 33 N76-15373 *
US-PATENT-CLASS-317-261 ..... c 26 N72-28761 *
US-PATENT-CLASS-317-261 ..... c 33 N76-15373 *
US-PATENT-CLASS-317-31 ..... c 09 N71-12526 *
US-PATENT-CLASS-317-31 ..... c 10 N71-23543 *
US-PATENT-CLASS-317-31 ..... c 33 N74-17929 *
US-PATENT-CLASS-317-31 ..... c 33 N77-14333 *
US-PATENT-CLASS-317-33SC .... c 33 N74-14956 *
US-PATENT-CLASS-317-33 ..... c 10 N71-26531 *
US-PATENT-CLASS-317-33 ..... c 09 N71-27001 *
US-PATENT-CLASS-317-33 ..... c 10 N71-27366 *
US-PATENT-CLASS-317-33 ..... c 09 N71-29008 *
US-PATENT-CLASS-317-43 ..... c 33 N74-14956 *
US-PATENT-CLASS-317-46 ..... c 33 N74-14956 *
US-PATENT-CLASS-317-47 ..... c 33 N74-14956 *
US-PATENT-CLASS-317-48 ..... c 33 N74-14956 *
US-PATENT-CLASS-317-54 ..... c 09 N71-29008 *
US-PATENT-CLASS-317-60 ..... c 09 N71-29008 *
US-PATENT-CLASS-317-9 ..... c 09 N71-22796 *
US-PATENT-CLASS-317-9 ..... c 09 N71-27001 *
US-PATENT-CLASS-318-107 ..... c 44 N87-21410 *
US-PATENT-CLASS-318-116 ..... c 71 N79-20827 *
US-PATENT-CLASS-318-116 ..... c 71 N84-23233 *
US-PATENT-CLASS-318-116 ..... c 33 N87-28833 *
US-PATENT-CLASS-318-135 ..... c 33 N82-24421 *
US-PATENT-CLASS-318-135 ..... c 37 N91-21539 *
US-PATENT-CLASS-318-137 ..... c 33 N75-19524 *
US-PATENT-CLASS-318-138 ..... c 09 N71-10677 *
US-PATENT-CLASS-318-138 ..... c 14 N71-17585 *
US-PATENT-CLASS-318-138 ..... c 10 N71-18772 *
US-PATENT-CLASS-318-138 ..... c 09 N71-25999 *
US-PATENT-CLASS-318-138 ..... c 33 N77-26386 *
US-PATENT-CLASS-318-138 ..... c 33 N81-20352 * #
US-PATENT-CLASS-318-138 ..... c 33 N87-21233 *
US-PATENT-CLASS-318-15 ..... c 37 N80-32716 *
US-PATENT-CLASS-318-161 ..... c 44 N87-21410 *
US-PATENT-CLASS-318-167 ..... c 33 N75-19524 *
US-PATENT-CLASS-318-176 ..... c 33 N75-19524 *
US-PATENT-CLASS-318-183 ..... c 33 N75-19524 *
US-PATENT-CLASS-318-20.105 .. c 08 N71-27057 *
US-PATENT-CLASS-318-200 ..... c 33 N78-10376 *
US-PATENT-CLASS-318-227 ..... c 07 N71-33613 *
US-PATENT-CLASS-318-227 ..... c 33 N75-15874 *
US-PATENT-CLASS-318-227 ..... c 33 N77-26386 *
US-PATENT-CLASS-318-227 ..... c 33 N78-10376 *
US-PATENT-CLASS-318-22 ..... c 15 N71-17694 *
US-PATENT-CLASS-318-230 ..... c 07 N71-33613 *
US-PATENT-CLASS-318-230 ..... c 10 N73-32145 *
US-PATENT-CLASS-318-230 ..... c 33 N75-15874 *
US-PATENT-CLASS-318-230 ..... c 33 N78-10376 *
US-PATENT-CLASS-318-231 ..... c 10 N73-32145 *
US-PATENT-CLASS-318-231 ..... c 33 N75-15874 *
US-PATENT-CLASS-318-254 ..... c 09 N71-25999 *
US-PATENT-CLASS-318-254 ..... c 09 N73-32107 *
US-PATENT-CLASS-318-254 ..... c 33 N77-26386 *
US-PATENT-CLASS-318-254 ..... c 33 N81-20352 * #
US-PATENT-CLASS-318-254 ..... c 33 N82-26569 *
US-PATENT-CLASS-318-254 ..... c 33 N87-21233 *
US-PATENT-CLASS-318-257 ..... c 10 N71-18724 *
US-PATENT-CLASS-318-258 ..... c 09 N71-26092 *
US-PATENT-CLASS-318-260 ..... c 09 N70-38712 *
US-PATENT-CLASS-318-265 ..... c 15 N71-24895 *
US-PATENT-CLASS-318-267 ..... c 37 N77-27400 *
US-PATENT-CLASS-318-308 ..... c 11 N72-20244 *
US-PATENT-CLASS-318-314 ..... c 10 N71-20448 *
US-PATENT-CLASS-318-314 ..... c 09 N75-24758 *
US-PATENT-CLASS-318-317 ..... c 09 N71-28886 *
US-PATENT-CLASS-318-318 ..... c 09 N71-24805 *
US-PATENT-CLASS-318-318 ..... c 09 N75-24758 *
US-PATENT-CLASS-318-31 ..... c 15 N71-28952 *
US-PATENT-CLASS-318-327 ..... c 11 N72-20244 *
US-PATENT-CLASS-318-328 ..... c 09 N73-32107 *
US-PATENT-CLASS-318-331 ..... c 09 N71-28886 *
US-PATENT-CLASS-318-341 ..... c 10 N73-32145 *
US-PATENT-CLASS-318-341 ..... c 09 N75-24758 *
US-PATENT-CLASS-318-345 ..... c 09 N71-28886 *
US-PATENT-CLASS-318-376 ..... c 10 N71-16030 *
US-PATENT-CLASS-318-376 ..... c 11 N72-20244 *
US-PATENT-CLASS-318-382 ..... c 15 N71-24695 *
US-PATENT-CLASS-318-434 ..... c 33 N90-21951 *
US-PATENT-CLASS-318-438 ..... c 33 N84-22885 *
US-PATENT-CLASS-318-439 ..... c 33 N81-20352 * #
US-PATENT-CLASS-318-439 ..... c 33 N87-21233 *
US-PATENT-CLASS-318-468 ..... c 37 N77-27400 *
US-PATENT-CLASS-318-46 ..... c 44 N85-21769 *
US-PATENT-CLASS-318-470 ..... c 37 N77-27400 *
US-PATENT-CLASS-318-489 ..... c 02 N73-19004 *
US-PATENT-CLASS-318-48 ..... c 37 N86-27629 *
US-PATENT-CLASS-318-504 ..... c 09 N71-28886 *
US-PATENT-CLASS-318-561 ..... c 33 N82-18493 *
US-PATENT-CLASS-318-561 ..... c 33 N90-21951 *
US-PATENT-CLASS-318-561 ..... c 37 N91-21544 *
US-PATENT-CLASS-318-564 ..... c 60 N82-29013 *
US-PATENT-CLASS-318-567 ..... c 63 N92-33019 *
US-PATENT-CLASS-318-568.11 .. c 63 N91-31885 *
US-PATENT-CLASS-318-568.11 .. c 63 N92-33019 *
US-PATENT-CLASS-318-568.16 .. c 37 N91-21542 *
US-PATENT-CLASS-318-568.19 .. c 63 N92-33019 *
US-PATENT-CLASS-318-568.1 .... c 33 N91-31528 *
US-PATENT-CLASS-318-568.20 .. c 37 N91-21542 *
US-PATENT-CLASS-318-568.21 .. c 37 N91-21542 *
US-PATENT-CLASS-318-568.2 .... c 33 N91-31528 *
US-PATENT-CLASS-318-571 ..... c 10 N71-27136 *
US-PATENT-CLASS-318-573 ..... c 35 N79-14348 *
US-PATENT-CLASS-318-573 ..... c 33 N91-31528 *
US-PATENT-CLASS-318-573 ..... c 63 N91-31885 *
US-PATENT-CLASS-318-576 ..... c 09 N72-21246 *
US-PATENT-CLASS-318-577 ..... c 37 N86-21850 *
US-PATENT-CLASS-318-580 ..... c 08 N74-10942 *
US-PATENT-CLASS-318-580 ..... c 04 N82-23231 *
US-PATENT-CLASS-318-584 ..... c 08 N81-24106 *
US-PATENT-CLASS-318-584 ..... c 08 N86-27288 *
US-PATENT-CLASS-318-585 ..... c 08 N79-23097 *
US-PATENT-CLASS-318-587 ..... c 35 N84-33769 *
US-PATENT-CLASS-318-594 ..... c 35 N79-14348 *
US-PATENT-CLASS-318-599 ..... c 10 N71-24861 *
US-PATENT-CLASS-318-602 ..... c 33 N74-29556 *
US-PATENT-CLASS-318-603 ..... c 33 N74-29556 *
US-PATENT-CLASS-318-605 ..... c 31 N86-29055 *
US-PATENT-CLASS-318-608 ..... c 33 N75-13139 *
US-PATENT-CLASS-318-611 ..... c 37 N85-30333 *
US-PATENT-CLASS-318-615 ..... c 33 N90-21951 *
US-PATENT-CLASS-318-616 ..... c 08 N79-23097 *
US-PATENT-CLASS-318-618 ..... c 33 N90-21951 *
US-PATENT-CLASS-318-620 ..... c 33 N82-18493 *
US-PATENT-CLASS-318-621 ..... c 33 N82-18493 *
US-PATENT-CLASS-318-622 ..... c 33 N82-18493 *
US-PATENT-CLASS-318-628 ..... c 08 N74-10942 *
US-PATENT-CLASS-318-628 ..... c 37 N91-21544 *
US-PATENT-CLASS-318-632 ..... c 37 N86-27629 *
US-PATENT-CLASS-318-636 ..... c 31 N86-29055 *
US-PATENT-CLASS-318-640 ..... c 33 N75-13139 *
US-PATENT-CLASS-318-640 ..... c 54 N75-27758 *
US-PATENT-CLASS-318-640 ..... c 35 N79-14348 *
US-PATENT-CLASS-318-640 ..... c 37 N81-27519 *
US-PATENT-CLASS-318-640 ..... c 08 N86-27288 *
US-PATENT-CLASS-318-646 ..... c 37 N91-21544 *
US-PATENT-CLASS-318-648 ..... c 37 N91-21544 *
US-PATENT-CLASS-318-649 ..... c 33 N75-13139 *
US-PATENT-CLASS-318-653 ..... c 10 N71-27136 *
US-PATENT-CLASS-318-661 ..... c 31 N86-29055 *
US-PATENT-CLASS-318-663 ..... c 37 N81-33483 *
US-PATENT-CLASS-318-663 ..... c 37 N86-27629 *
US-PATENT-CLASS-318-664 ..... c 33 N74-29556 *
US-PATENT-CLASS-318-675 ..... c 33 N75-13139 *
US-PATENT-CLASS-318-675 ..... c 37 N77-27400 *
US-PATENT-CLASS-318-685 ..... c 33 N83-35227 *
US-PATENT-CLASS-318-729 ..... c 33 N83-34190 *
US-PATENT-CLASS-318-729 ..... c 33 N84-14424 *
US-PATENT-CLASS-318-729 ..... c 33 N84-22885 *
US-PATENT-CLASS-318-729 ..... c 33 N84-22886 *
US-PATENT-CLASS-318-729 ..... c 33 N84-27975 *
US-PATENT-CLASS-318-729 ..... c 33 N84-33661 *
US-PATENT-CLASS-318-729 ..... c 44 N85-21769 *
US-PATENT-CLASS-318-729 ..... c 33 N85-22877 *
US-PATENT-CLASS-318-798 ..... c 33 N83-34190 *
US-PATENT-CLASS-318-798 ..... c 33 N83-35227 *
US-PATENT-CLASS-318-798 ..... c 33 N84-14424 *
US-PATENT-CLASS-318-798 ..... c 33 N84-22885 *
US-PATENT-CLASS-318-799 ..... c 33 N81-27395 *
US-PATENT-CLASS-318-799 ..... c 33 N84-16455 *
US-PATENT-CLASS-318-800 ..... c 33 N83-31953 *
US-PATENT-CLASS-318-802 ..... c 33 N84-33661 *
US-PATENT-CLASS-318-803 ..... c 33 N83-10345 *
US-PATENT-CLASS-318-803 ..... c 33 N83-31953 *
US-PATENT-CLASS-318-805 ..... c 33 N84-22885 *
US-PATENT-CLASS-318-806 ..... c 33 N82-26569 *
US-PATENT-CLASS-318-806 ..... c 33 N83-34190 *
US-PATENT-CLASS-318-806 ..... c 33 N83-35227 *
US-PATENT-CLASS-318-806 ..... c 33 N84-14424 *
US-PATENT-CLASS-318-809 ..... c 33 N83-31953 *
US-PATENT-CLASS-318-809 ..... c 33 N84-27975 *
US-PATENT-CLASS-318-810 ..... c 33 N81-27395 *
US-PATENT-CLASS-318-810 ..... c 33 N84-22885 *
US-PATENT-CLASS-318-812 ..... c 33 N82-26569 *
US-PATENT-CLASS-318-812 ..... c 33 N84-22886 *
US-PATENT-CLASS-318-812 ..... c 33 N85-22877 *
US-PATENT-CLASS-318-830 ..... c 33 N82-26569 *
US-PATENT-CLASS-318-8 ..... c 37 N86-27629 *
US-PATENT-CLASS-32-28 ..... c 05 N73-27062 *
US-PATENT-CLASS-32-58 ..... c 05 N73-27062 *
US-PATENT-CLASS-320-13 ..... c 03 N71-29129 *
US-PATENT-CLASS-320-13 ..... c 44 N78-25531 *
US-PATENT-CLASS-320-15 ..... c 44 N78-14625 *
US-PATENT-CLASS-320-15 ..... c 44 N78-25531 *
US-PATENT-CLASS-320-17 ..... c 03 N71-24605 *
US-PATENT-CLASS-320-18 ..... c 44 N78-14625 *
US-PATENT-CLASS-320-21 ..... c 44 N76-18643 *
US-PATENT-CLASS-320-22 ..... c 44 N76-18643 *
US-PATENT-CLASS-320-23 ..... c 03 N71-19438 *
US-PATENT-CLASS-320-2 ..... c 44 N77-14581 *
US-PATENT-CLASS-320-32 ..... c 44 N78-25531 *
US-PATENT-CLASS-320-39 ..... c 03 N71-24719 *
US-PATENT-CLASS-320-39 ..... c 44 N78-25531 *
US-PATENT-CLASS-320-40 ..... c 44 N78-14625 *
US-PATENT-CLASS-320-48 ..... c 03 N72-25020 *
US-PATENT-CLASS-320-51 ..... c 33 N91-14537 *
US-PATENT-CLASS-320-53 ..... c 33 N78-17296 *
US-PATENT-CLASS-320-6 ..... c 44 N78-14625 *
US-PATENT-CLASS-320-9 ..... c 44 N78-25531 *
US-PATENT-CLASS-321-1.5 ..... c 09 N73-32109 *
US-PATENT-CLASS-321-10 ..... c 09 N72-17154 *
US-PATENT-CLASS-321-11 ..... c 09 N69-39984 * #
US-PATENT-CLASS-321-11 ..... c 09 N72-25252 *
US-PATENT-CLASS-321-11 ..... c 10 N73-26228 *
US-PATENT-CLASS-321-12 ..... c 10 N71-27366 *
US-PATENT-CLASS-321-13 ..... c 33 N77-14333 *
US-PATENT-CLASS-321-14 ..... c 09 N72-22196 *
US-PATENT-CLASS-321-15 ..... c 09 N72-22203 *
US-PATENT-CLASS-321-15 ..... c 33 N75-19522 *
US-PATENT-CLASS-321-18 ..... c 09 N72-22203 *
US-PATENT-CLASS-321-18 ..... c 09 N72-25251 *
US-PATENT-CLASS-321-18 ..... c 09 N72-25252 *
US-PATENT-CLASS-321-18 ..... c 33 N74-11049 *
US-PATENT-CLASS-321-19 ..... c 09 N72-22196 *
US-PATENT-CLASS-321-19 ..... c 09 N72-25252 *
US-PATENT-CLASS-321-19 ..... c 33 N77-10428 *
US-PATENT-CLASS-321-25 ..... c 09 N72-22196 *
US-PATENT-CLASS-321-2 ..... c 03 N69-21330 * #
US-PATENT-CLASS-321-2 ..... c 03 N69-25146 * #
US-PATENT-CLASS-321-2 ..... c 03 N71-12255 *
US-PATENT-CLASS-321-2 ..... c 09 N71-23188 *
US-PATENT-CLASS-321-2 ..... c 03 N71-23239 *
US-PATENT-CLASS-321-2 ..... c 10 N71-26085 *
US-PATENT-CLASS-321-2 ..... c 09 N72-22196 *
US-PATENT-CLASS-321-2 ..... c 09 N72-22203 *
US-PATENT-CLASS-321-2 ..... c 03 N72-23048 *
US-PATENT-CLASS-321-2 ..... c 09 N72-25249 *
US-PATENT-CLASS-321-2 ..... c 09 N72-25251 *
US-PATENT-CLASS-321-2 ..... c 09 N72-25252 *
US-PATENT-CLASS-321-2 ..... c 09 N72-25253 *
US-PATENT-CLASS-321-2 ..... c 09 N72-25254 *
US-PATENT-CLASS-321-2 ..... c 33 N74-11049 *
US-PATENT-CLASS-321-2 ..... c 33 N77-10428 *
US-PATENT-CLASS-321-45C ..... c 10 N73-26228 *
US-PATENT-CLASS-321-45ER .... c 09 N72-25252 *
US-PATENT-CLASS-321-45R ..... c 09 N72-25252 *
US-PATENT-CLASS-321-45R ..... c 09 N72-25254 *
US-PATENT-CLASS-321-45R ..... c 33 N74-22864 *
US-PATENT-CLASS-321-45S ..... c 33 N74-11049 *
US-PATENT-CLASS-321-45 ..... c 09 N71-24800 *
US-PATENT-CLASS-321-45 ..... c 09 N72-22203 *
US-PATENT-CLASS-321-47 ..... c 09 N71-33109 *
US-PATENT-CLASS-321-47 ..... c 09 N72-25253 *
US-PATENT-CLASS-321-48 ..... c 12 N71-20896 *
US-PATENT-CLASS-321-5 ..... c 08 N71-18752 *
US-PATENT-CLASS-321-60 ..... c 14 N71-23174 *
US-PATENT-CLASS-321-61 ..... c 09 N71-27364 *
US-PATENT-CLASS-321-64 ..... c 09 N71-27364 *
US-PATENT-CLASS-321-69 ..... c 10 N71-26414 *
US-PATENT-CLASS-321-8R ..... c 35 N74-18090 *
US-PATENT-CLASS-321-9 ..... c 10 N71-25139 *
US-PATENT-CLASS-322-2R ..... c 07 N83-20944 *
US-PATENT-CLASS-322-25 ..... c 33 N84-33660 *
US-PATENT-CLASS-322-29 ..... c 33 N83-28319 *
US-PATENT-CLASS-322-29 ..... c 33 N84-33660 *
US-PATENT-CLASS-322-2 ..... c 03 N72-23048 *
US-PATENT-CLASS-322-32 ..... c 09 N71-27364 *

US-PATENT-CLASS-322-35 ..... c 33 N83-28319 *
US-PATENT-CLASS-322-47 ..... c 33 N83-28319 *
US-PATENT-CLASS-322-47 ..... c 33 N84-33660 *
US-PATENT-CLASS-322-95 ..... c 33 N83-28319 *
US-PATENT-CLASS-322-95 ..... c 33 N84-33660 *
US-PATENT-CLASS-322-96 ..... c 33 N77-26387 *
US-PATENT-CLASS-323-DIG.1 .... c 09 N72-21243 *
US-PATENT-CLASS-323-DIG.1 .... c 09 N72-25249 *
US-PATENT-CLASS-323-DIG.1 .... c 33 N74-11049 *
US-PATENT-CLASS-323-DIG.1 .... c 33 N77-10428 *
US-PATENT-CLASS-323-106 ..... c 33 N74-22885 *
US-PATENT-CLASS-323-122 ..... c 33 N74-22885 *
US-PATENT-CLASS-323-128 ..... c 33 N74-22885 *
US-PATENT-CLASS-323-15 ..... c 20 N79-20179 *
US-PATENT-CLASS-323-15 ..... c 44 N80-14472 *
US-PATENT-CLASS-323-17 ..... c 09 N72-25249 *
US-PATENT-CLASS-323-17 ..... c 33 N77-10428 *
US-PATENT-CLASS-323-18 ..... c 33 N78-17295 *
US-PATENT-CLASS-323-19 ..... c 08 N72-31226 *
US-PATENT-CLASS-323-19 ..... c 33 N78-17296 *
US-PATENT-CLASS-323-19 ..... c 44 N80-14472 *
US-PATENT-CLASS-323-20 ..... c 14 N71-27407 *
US-PATENT-CLASS-323-20 ..... c 20 N79-20179 *
US-PATENT-CLASS-323-22T ..... c 09 N72-21243 *
US-PATENT-CLASS-323-22T ..... c 09 N72-25249 *
US-PATENT-CLASS-323-22T ..... c 33 N77-10428 *
US-PATENT-CLASS-323-22T ..... c 33 N79-23345 *
US-PATENT-CLASS-323-22 ..... c 09 N71-21449 *
US-PATENT-CLASS-323-22 ..... c 09 N71-23316 *
US-PATENT-CLASS-323-23 ..... c 33 N77-10428 *
US-PATENT-CLASS-323-243 ..... c 33 N84-16455 *
US-PATENT-CLASS-323-246 ..... c 33 N84-16455 *
US-PATENT-CLASS-323-269 ..... c 33 N83-27126 *
US-PATENT-CLASS-323-300 ..... c 33 N84-27975 *
US-PATENT-CLASS-323-303 ..... c 33 N83-27126 *
US-PATENT-CLASS-323-311 ..... c 33 N91-27479 *
US-PATENT-CLASS-323-312 ..... c 33 N91-27479 *
US-PATENT-CLASS-323-350 ..... c 33 N83-27126 *
US-PATENT-CLASS-323-354 ..... c 33 N90-19492 *
US-PATENT-CLASS-323-38 ..... c 09 N72-21243 *
US-PATENT-CLASS-323-44F ..... c 33 N79-17133 *
US-PATENT-CLASS-323-48 ..... c 09 N71-27053 *
US-PATENT-CLASS-323-48 ..... c 09 N72-25262 *
US-PATENT-CLASS-323-4 ..... c 33 N78-17294 *
US-PATENT-CLASS-323-56 ..... c 10 N71-22961 *
US-PATENT-CLASS-323-56 ..... c 09 N71-24893 *
US-PATENT-CLASS-323-56 ..... c 09 N72-22196 *
US-PATENT-CLASS-323-60 ..... c 09 N71-27053 *
US-PATENT-CLASS-323-82 ..... c 09 N72-25262 *
US-PATENT-CLASS-323-89C ..... c 09 N72-22196 *
US-PATENT-CLASS-323-8 ..... c 10 N71-10578 *
US-PATENT-CLASS-323-901 ..... c 33 N84-33663 *
US-PATENT-CLASS-323-903 ..... c 33 N90-20320 *
US-PATENT-CLASS-323-93 ..... c 33 N77-31404 *
US-PATENT-CLASS-324-.5R ..... c 16 N73-13489 *
US-PATENT-CLASS-324-.5 ..... c 14 N71-20428 *
US-PATENT-CLASS-324-DIG.1 .... c 33 N75-19520 *
US-PATENT-CLASS-324-DIG.1 .... c 33 N75-25041 *
US-PATENT-CLASS-324-0.5 ..... c 14 N71-26137 *
US-PATENT-CLASS-324-0.5 ..... c 14 N71-26266 *
US-PATENT-CLASS-324-0.5 ..... c 36 N79-14362 *
US-PATENT-CLASS-324-102 ..... c 09 N72-11225 *
US-PATENT-CLASS-324-102 ..... c 33 N74-17930 *
US-PATENT-CLASS-324-102 ..... c 33 N75-19521 *
US-PATENT-CLASS-324-102 ..... c 33 N79-11315 *
US-PATENT-CLASS-324-102 ..... c 33 N79-14305 *
US-PATENT-CLASS-324-103 ..... c 10 N71-27338 *
US-PATENT-CLASS-324-106 ..... c 14 N70-38602 *
US-PATENT-CLASS-324-106 ..... c 08 N71-29138 *
US-PATENT-CLASS-324-107 ..... c 10 N71-27338 *
US-PATENT-CLASS-324-112 ..... c 33 N79-14305 *
US-PATENT-CLASS-324-113 ..... c 09 N70-41655 *
US-PATENT-CLASS-324-113 ..... c 33 N75-19521 *
US-PATENT-CLASS-324-113 ..... c 33 N79-11315 *
US-PATENT-CLASS-324-113 ..... c 33 N79-14305 *
US-PATENT-CLASS-324-115 ..... c 14 N71-26244 *
US-PATENT-CLASS-324-115 ..... c 10 N72-20222 *
US-PATENT-CLASS-324-115 ..... c 17 N91-14371 *
US-PATENT-CLASS-324-117 ..... c 14 N71-23037 *
US-PATENT-CLASS-324-117 ..... c 33 N89-29681 *
US-PATENT-CLASS-324-118 ..... c 33 N74-17930 *
US-PATENT-CLASS-324-119 ..... c 09 N72-11225 *
US-PATENT-CLASS-324-120 ..... c 14 N71-19431 *
US-PATENT-CLASS-324-120 ..... c 09 N71-23021 *
US-PATENT-CLASS-324-123C .... c 33 N79-22373 *
US-PATENT-CLASS-324-123R .... c 09 N72-11225 *
US-PATENT-CLASS-324-127 ..... c 33 N79-18193 *
US-PATENT-CLASS-324-127 ..... c 33 N89-29681 *
US-PATENT-CLASS-324-130 ..... c 35 N78-28411 *
US-PATENT-CLASS-324-132 ..... c 09 N71-13530 *
US-PATENT-CLASS-324-132 ..... c 10 N72-20222 *
US-PATENT-CLASS-324-133 ..... c 10 N71-27338 *
US-PATENT-CLASS-324-133 ..... c 33 N79-10337 *
US-PATENT-CLASS-324-133 ..... c 33 N79-11315 *
US-PATENT-CLASS-324-133 ..... c 33 N79-14305 *
US-PATENT-CLASS-324-133 ..... c 33 N79-18193 *
US-PATENT-CLASS-324-158-D ... c 33 N87-22894 *
US-PATENT-CLASS-324-158-R ... c 33 N87-22894 *
US-PATENT-CLASS-324-158D .... c 15 N72-25457 *
US-PATENT-CLASS-324-158D .... c 76 N76-20994 *
US-PATENT-CLASS-324-158D .... c 44 N80-18551 *
US-PATENT-CLASS-324-158D .... c 76 N84-35112 * #
US-PATENT-CLASS-324-158D .... c 76 N85-30923 *
US-PATENT-CLASS-324-158F ..... c 33 N91-14552 *
US-PATENT-CLASS-324-158P ..... c 33 N91-14552 *
US-PATENT-CLASS-324-158R .... c 76 N76-20994 *
US-PATENT-CLASS-324-158R .... c 33 N85-30187 *
US-PATENT-CLASS-324-158T ..... c 15 N72-25457 *
US-PATENT-CLASS-324-158T ..... c 35 N75-12270 *
US-PATENT-CLASS-324-158T ..... c 76 N76-20994 *
US-PATENT-CLASS-324-158T ..... c 33 N80-14332 *
US-PATENT-CLASS-324-158T ..... c 76 N84-35112 * #
US-PATENT-CLASS-324-158 ..... c 09 N69-21926 * #
US-PATENT-CLASS-324-163 ..... c 35 N77-30436 *
US-PATENT-CLASS-324-165 ..... c 35 N77-30436 *
US-PATENT-CLASS-324-173 ..... c 35 N78-32396 *
US-PATENT-CLASS-324-174 ..... c 35 N77-30436 *
US-PATENT-CLASS-324-181 ..... c 09 N71-24717 *
US-PATENT-CLASS-324-186 ..... c 09 N72-25257 *
US-PATENT-CLASS-324-186 ..... c 52 N74-12778 *
US-PATENT-CLASS-324-20R ..... c 09 N72-23172 *
US-PATENT-CLASS-324-20R ..... c 44 N79-12541 *
US-PATENT-CLASS-324-205 ..... c 70 N92-29130 *
US-PATENT-CLASS-324-207 ..... c 35 N78-32396 *
US-PATENT-CLASS-324-209 ..... c 26 N90-21170 *
US-PATENT-CLASS-324-209 ..... c 39 N92-29155 *
US-PATENT-CLASS-324-224 ..... c 38 N92-29154 *
US-PATENT-CLASS-324-226 ..... c 35 N86-32698 *
US-PATENT-CLASS-324-226 ..... c 26 N90-21170 *
US-PATENT-CLASS-324-226 ..... c 39 N92-28757 *
US-PATENT-CLASS-324-226 ..... c 38 N92-29154 *
US-PATENT-CLASS-324-226 ..... c 39 N92-29155 *
US-PATENT-CLASS-324-227 ..... c 26 N90-21170 *
US-PATENT-CLASS-324-227 ..... c 39 N92-29155 *
US-PATENT-CLASS-324-22 ..... c 44 N79-12541 *
US-PATENT-CLASS-324-234 ..... c 27 N90-23544 *
US-PATENT-CLASS-324-235 ..... c 26 N90-21170 *
US-PATENT-CLASS-324-235 ..... c 39 N92-28757 *
US-PATENT-CLASS-324-235 ..... c 39 N92-29155 *
US-PATENT-CLASS-324-236 ..... c 27 N90-23544 *
US-PATENT-CLASS-324-238 ..... c 35 N86-32698 *
US-PATENT-CLASS-324-239 ..... c 26 N90-21170 *
US-PATENT-CLASS-324-239 ..... c 39 N92-29101 *
US-PATENT-CLASS-324-239 ..... c 39 N92-29155 *
US-PATENT-CLASS-324-240 ..... c 35 N86-32698 *
US-PATENT-CLASS-324-244 ..... c 70 N92-29130 *
US-PATENT-CLASS-324-249 ..... c 35 N78-32397 *
US-PATENT-CLASS-324-250 ..... c 35 N84-12444 *
US-PATENT-CLASS-324-261 ..... c 70 N92-29130 *
US-PATENT-CLASS-324-262 ..... c 35 N84-22928 *
US-PATENT-CLASS-324-262 ..... c 35 N86-32698 *
US-PATENT-CLASS-324-262 ..... c 38 N92-29154 *
US-PATENT-CLASS-324-29.5 ..... c 03 N72-25020 *
US-PATENT-CLASS-324-29.5 ..... c 14 N73-30388 *
US-PATENT-CLASS-324-29.5 ..... c 44 N74-27519 *
US-PATENT-CLASS-324-30B ..... c 33 N76-19339 *
US-PATENT-CLASS-324-30R ..... c 14 N73-20478 *
US-PATENT-CLASS-324-329 ..... c 35 N90-22023 *
US-PATENT-CLASS-324-32 ..... c 14 N71-16014 *
US-PATENT-CLASS-324-32 ..... c 33 N75-18477 *
US-PATENT-CLASS-324-32 ..... c 33 N75-19522 *
US-PATENT-CLASS-324-32 ..... c 35 N78-28411 *
US-PATENT-CLASS-324-33 ..... c 25 N69-39884 * #
US-PATENT-CLASS-324-33 ..... c 14 N70-35666 *
US-PATENT-CLASS-324-33 ..... c 24 N71-20518 *
US-PATENT-CLASS-324-33 ..... c 14 N71-21090 *
US-PATENT-CLASS-324-33 ..... c 14 N71-27090 *
US-PATENT-CLASS-324-34FL ..... c 35 N74-21018 *
US-PATENT-CLASS-324-34R ..... c 26 N76-18257 *
US-PATENT-CLASS-324-34 ..... c 25 N71-16073 *
US-PATENT-CLASS-324-404 ..... c 44 N80-18551 *
US-PATENT-CLASS-324-40 ..... c 38 N74-15395 *
US-PATENT-CLASS-324-41 ..... c 10 N72-28240 *
US-PATENT-CLASS-324-427 ..... c 35 N85-21596 *
US-PATENT-CLASS-324-43R ..... c 35 N76-16390 *
US-PATENT-CLASS-324-43 ..... c 14 N69-27423 * #
US-PATENT-CLASS-324-43 ..... c 09 N70-40123 *
US-PATENT-CLASS-324-43 ..... c 14 N71-15962 *
US-PATENT-CLASS-324-43 ..... c 14 N71-26135 *
US-PATENT-CLASS-324-43 ..... c 14 N71-27325 *
US-PATENT-CLASS-324-457 ..... c 72 N84-28575 *
US-PATENT-CLASS-324-466 ..... c 33 N83-31954 *
US-PATENT-CLASS-324-51 ..... c 33 N80-26599 *
US-PATENT-CLASS-324-51 ..... c 33 N81-26359 *
US-PATENT-CLASS-324-51 ..... c 33 N82-24420 *
US-PATENT-CLASS-324-52 ..... c 14 N72-17325 *
US-PATENT-CLASS-324-52 ..... c 14 N73-28486 *
US-PATENT-CLASS-324-52 ..... c 33 N79-18193 *
US-PATENT-CLASS-324-52 ..... c 33 N82-24420 *
US-PATENT-CLASS-324-54 ..... c 33 N75-18477 *
US-PATENT-CLASS-324-57DE .... c 33 N78-25319 *
US-PATENT-CLASS-324-57H ..... c 35 N77-32455 *
US-PATENT-CLASS-324-57PS .... c 35 N75-21582 *
US-PATENT-CLASS-324-57R ..... c 15 N72-21464 *
US-PATENT-CLASS-324-57R ..... c 14 N73-30388 *
US-PATENT-CLASS-324-57R ..... c 35 N74-18090 *
US-PATENT-CLASS-324-57R ..... c 33 N79-10338 *
US-PATENT-CLASS-324-57R ..... c 35 N79-14349 *
US-PATENT-CLASS-324-57SS .... c 33 N78-25319 *
US-PATENT-CLASS-324-57 ..... c 10 N71-16057 *
US-PATENT-CLASS-324-57 ..... c 09 N71-20569 *
US-PATENT-CLASS-324-58.5A ... c 33 N75-26245 *
US-PATENT-CLASS-324-58.5B ... c 43 N78-10529 *
US-PATENT-CLASS-324-58.5C ... c 33 N75-26245 *
US-PATENT-CLASS-324-58.5 ..... c 15 N71-17822 *
US-PATENT-CLASS-324-58.5 ..... c 25 N71-20563 *
US-PATENT-CLASS-324-58.5 ..... c 14 N71-26137 *
US-PATENT-CLASS-324-58.5 ..... c 18 N71-27397 *
US-PATENT-CLASS-324-58A ..... c 33 N78-25319 *
US-PATENT-CLASS-324-59 ..... c 35 N77-32455 *
US-PATENT-CLASS-324-5 ..... c 14 N71-28991 *
US-PATENT-CLASS-324-60C ..... c 35 N75-12270 *
US-PATENT-CLASS-324-60C ..... c 76 N76-20994 *
US-PATENT-CLASS-324-601 ..... c 33 N91-14552 *
US-PATENT-CLASS-324-60 ..... c 33 N77-31404 *
US-PATENT-CLASS-324-61-R .... c 35 N87-22953 *
US-PATENT-CLASS-324-61-R .... c 35 N88-29149 *
US-PATENT-CLASS-324-61R ..... c 14 N72-24477 *
US-PATENT-CLASS-324-61R ..... c 35 N76-22509 *
US-PATENT-CLASS-324-61 ..... c 14 N69-39785 * #
US-PATENT-CLASS-324-61 ..... c 14 N70-36618 *
US-PATENT-CLASS-324-61 ..... c 14 N71-10797 *
US-PATENT-CLASS-324-61 ..... c 18 N71-27397 *
US-PATENT-CLASS-324-61 ..... c 14 N72-22442 *
US-PATENT-CLASS-324-62R ..... c 14 N73-30388 *
US-PATENT-CLASS-324-62 ..... c 33 N80-32650 *
US-PATENT-CLASS-324-62 ..... c 33 N90-19492 *
US-PATENT-CLASS-324-64 ..... c 15 N72-21464 *
US-PATENT-CLASS-324-64 ..... c 33 N80-32650 *
US-PATENT-CLASS-324-65-P ..... c 35 N85-34373 *
US-PATENT-CLASS-324-65P ..... c 14 N73-20478 *
US-PATENT-CLASS-324-65R ..... c 15 N72-23497 *
US-PATENT-CLASS-324-65R ..... c 33 N85-30187 *
US-PATENT-CLASS-324-65 ..... c 14 N71-27186 *
US-PATENT-CLASS-324-66 ..... c 05 N72-16015 *
US-PATENT-CLASS-324-70 ..... c 14 N70-41332 *
US-PATENT-CLASS-324-70 ..... c 14 N71-22990 *
US-PATENT-CLASS-324-70 ..... c 10 N71-24863 *
US-PATENT-CLASS-324-71.3 ..... c 72 N84-28575 *
US-PATENT-CLASS-324-71.5 ..... c 76 N85-30923 *
US-PATENT-CLASS-324-71CP .... c 35 N76-22509 *
US-PATENT-CLASS-324-71CP .... c 35 N82-11431 *
US-PATENT-CLASS-324-71R ..... c 09 N72-21246 *
US-PATENT-CLASS-324-71R ..... c 15 N72-21464 *
US-PATENT-CLASS-324-71 ..... c 09 N71-24843 *
US-PATENT-CLASS-324-72.5 ..... c 44 N74-27519 *
US-PATENT-CLASS-324-72.5 ..... c 72 N84-28575 *
US-PATENT-CLASS-324-72 ..... c 10 N71-19421 *
US-PATENT-CLASS-324-72 ..... c 14 N71-23699 *
US-PATENT-CLASS-324-72 ..... c 07 N73-20175 *
US-PATENT-CLASS-324-72 ..... c 14 N73-32318 *
US-PATENT-CLASS-324-72 ..... c 33 N74-27862 *
US-PATENT-CLASS-324-72 ..... c 33 N75-26246 *
US-PATENT-CLASS-324-72 ..... c 33 N77-10429 *
US-PATENT-CLASS-324-72 ..... c 33 N79-10337 *
US-PATENT-CLASS-324-72 ..... c 33 N79-14305 *
US-PATENT-CLASS-324-72 ..... c 47 N82-24779 *
US-PATENT-CLASS-324-73AT .... c 08 N72-22166 *
US-PATENT-CLASS-324-73AT .... c 33 N81-26359 *
US-PATENT-CLASS-324-73R ..... c 33 N83-18996 *
US-PATENT-CLASS-324-73 ..... c 14 N71-28991 *
US-PATENT-CLASS-324-74 ..... c 35 N78-28411 *
US-PATENT-CLASS-324-77-E ..... c 33 N89-14385 *
US-PATENT-CLASS-324-77-R ..... c 33 N89-14385 *
US-PATENT-CLASS-324-77B ..... c 60 N75-13539 *
US-PATENT-CLASS-324-77B ..... c 32 N79-10262 *
US-PATENT-CLASS-324-77CS .... c 32 N92-29124 *
US-PATENT-CLASS-324-77C ..... c 32 N79-10262 *
US-PATENT-CLASS-324-77C ..... c 32 N92-29124 *
US-PATENT-CLASS-324-77G ..... c 08 N72-20177 *
US-PATENT-CLASS-324-77H ..... c 35 N75-21582 *
US-PATENT-CLASS-324-77K ..... c 35 N79-10391 *
US-PATENT-CLASS-324-77R ..... c 10 N73-25240 *
US-PATENT-CLASS-324-77R ..... c 47 N82-24779 *
US-PATENT-CLASS-324-77 ..... c 09 N71-10659 *
US-PATENT-CLASS-324-77 ..... c 07 N71-24622 *
US-PATENT-CLASS-324-78-D ..... c 33 N89-14385 *
US-PATENT-CLASS-324-78-F ..... c 33 N89-14385 *
US-PATENT-CLASS-324-78D ..... c 09 N72-25257 *
US-PATENT-CLASS-324-78D ..... c 52 N74-12778 *
US-PATENT-CLASS-324-78D ..... c 32 N90-17005 *
US-PATENT-CLASS-324-78D ..... c 32 N92-29124 *
US-PATENT-CLASS-324-78E ..... c 14 N73-24473 *
US-PATENT-CLASS-324-78F ..... c 32 N92-29124 *
US-PATENT-CLASS-324-78J ..... c 10 N73-25240 *
US-PATENT-CLASS-324-78J ..... c 33 N75-19515 *
US-PATENT-CLASS-324-78Z ..... c 32 N90-17005 *
US-PATENT-CLASS-324-79D ..... c 14 N73-30386 *

US-PATENT-CLASS-324-79D ..... c 33 N76-16331 *
US-PATENT-CLASS-324-79R ..... c 14 N72-27408 *
US-PATENT-CLASS-324-79R ..... c 33 N84-16454 *
US-PATENT-CLASS-324-83A ..... c 10 N72-20224 *
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US-PATENT-CLASS-324-83D ..... c 33 N79-10338 *
US-PATENT-CLASS-324-83Q ..... c 35 N74-21017 *
US-PATENT-CLASS-324-83Q ..... c 33 N75-26243 *
US-PATENT-CLASS-324-83R ..... c 33 N84-16454 *
US-PATENT-CLASS-324-85 ..... c 10 N72-20224 *
US-PATENT-CLASS-324-85 ..... c 33 N79-10338 *
US-PATENT-CLASS-324-92 ..... c 26 N72-25680 *
US-PATENT-CLASS-324-95 ..... c 10 N71-12554 *
US-PATENT-CLASS-324-95 ..... c 14 N73-30388 *
US-PATENT-CLASS-324-96 ..... c 26 N72-25680 *
US-PATENT-CLASS-324-96 ..... c 33 N79-10337 *
US-PATENT-CLASS-324-99D ..... c 33 N79-22373 *
US-PATENT-CLASS-325-10 ..... c 07 N72-12081 *
US-PATENT-CLASS-325-113 ..... c 07 N71-24840 *
US-PATENT-CLASS-325-113 ..... c 07 N73-25160 *
US-PATENT-CLASS-325-113 ..... c 52 N74-26625 *
US-PATENT-CLASS-325-114 ..... c 07 N72-25171 *
US-PATENT-CLASS-325-114 ..... c 03 N76-32140 *
US-PATENT-CLASS-325-115 ..... c 03 N76-32140 *
US-PATENT-CLASS-325-118 ..... c 17 N78-17140 *
US-PATENT-CLASS-325-12 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-139 ..... c 07 N73-25160 *
US-PATENT-CLASS-325-13 ..... c 07 N72-12081 *
US-PATENT-CLASS-325-141 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-141 ..... c 52 N74-26625 *
US-PATENT-CLASS-325-143 ..... c 05 N71-12342 *
US-PATENT-CLASS-325-145 ..... c 32 N77-14292 *
US-PATENT-CLASS-325-148 ..... c 32 N74-19790 *
US-PATENT-CLASS-325-14 ..... c 17 N76-21250 *
US-PATENT-CLASS-325-14 ..... c 32 N80-20448 *
US-PATENT-CLASS-325-151.11 .. c 08 N71-27057 *
US-PATENT-CLASS-325-159 ..... c 33 N78-32340 *
US-PATENT-CLASS-325-163 ..... c 07 N71-23405 *
US-PATENT-CLASS-325-16 ..... c 07 N71-27056 *
US-PATENT-CLASS-325-17 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-185 ..... c 07 N71-28430 *
US-PATENT-CLASS-325-186 ..... c 03 N76-32140 *
US-PATENT-CLASS-325-187 ..... c 33 N78-32340 *
US-PATENT-CLASS-325-23 ..... c 07 N71-27056 *
US-PATENT-CLASS-325-29 ..... c 09 N72-22202 *
US-PATENT-CLASS-325-302 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-304 ..... c 32 N76-14321 *
US-PATENT-CLASS-325-305 ..... c 07 N71-10775 *
US-PATENT-CLASS-325-305 ..... c 10 N71-20841 *
US-PATENT-CLASS-325-305 ..... c 07 N71-23098 *
US-PATENT-CLASS-325-305 ..... c 32 N80-18253 *
US-PATENT-CLASS-325-306 ..... c 32 N76-14321 *
US-PATENT-CLASS-325-307 ..... c 32 N80-18253 *
US-PATENT-CLASS-325-30 ..... c 32 N74-26654 *
US-PATENT-CLASS-325-30 ..... c 32 N75-24981 *
US-PATENT-CLASS-325-30 ..... c 32 N77-30308 *
US-PATENT-CLASS-325-31 ..... c 07 N71-20791 *
US-PATENT-CLASS-325-320 ..... c 33 N74-12887 *
US-PATENT-CLASS-325-320 ..... c 32 N74-20809 *
US-PATENT-CLASS-325-320 ..... c 32 N74-20811 *
US-PATENT-CLASS-325-320 ..... c 33 N74-27705 *
US-PATENT-CLASS-325-321 ..... c 07 N72-20140 *
US-PATENT-CLASS-325-321 ..... c 32 N74-20810 *
US-PATENT-CLASS-325-321 ..... c 32 N76-16249 *
US-PATENT-CLASS-325-323 ..... c 32 N77-10392 *
US-PATENT-CLASS-325-325 ..... c 07 N71-24613 *
US-PATENT-CLASS-325-325 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-325 ..... c 07 N73-13149 *
US-PATENT-CLASS-325-346 ..... c 10 N73-16205 *
US-PATENT-CLASS-325-346 ..... c 32 N74-30523 *
US-PATENT-CLASS-325-346 ..... c 32 N77-24331 *
US-PATENT-CLASS-325-347 ..... c 07 N71-33696 *
US-PATENT-CLASS-325-348 ..... c 07 N71-33696 *
US-PATENT-CLASS-325-349 ..... c 32 N77-10392 *
US-PATENT-CLASS-325-363 ..... c 07 N71-11267 *
US-PATENT-CLASS-325-363 ..... c 14 N71-26774 *
US-PATENT-CLASS-325-363 ..... c 14 N72-28437 *
US-PATENT-CLASS-325-363 ..... c 10 N73-25241 *
US-PATENT-CLASS-325-363 ..... c 35 N80-18359 *
US-PATENT-CLASS-325-369 ..... c 07 N71-27056 *
US-PATENT-CLASS-325-372 ..... c 32 N76-14321 *
US-PATENT-CLASS-325-373 ..... c 07 N72-33146 *
US-PATENT-CLASS-325-38B ..... c 35 N74-17885 *
US-PATENT-CLASS-325-38 ..... c 07 N72-20140 *
US-PATENT-CLASS-325-38 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-39 ..... c 07 N72-11149 *
US-PATENT-CLASS-325-40 ..... c 07 N73-26118 *
US-PATENT-CLASS-325-419 ..... c 10 N73-16205 *
US-PATENT-CLASS-325-419 ..... c 07 N73-28012 *
US-PATENT-CLASS-325-419 ..... c 32 N74-20810 *
US-PATENT-CLASS-325-419 ..... c 32 N74-20811 *
US-PATENT-CLASS-325-419 ..... c 32 N80-18253 *
US-PATENT-CLASS-325-41 ..... c 10 N71-26577 *
US-PATENT-CLASS-325-41 ..... c 32 N77-12240 *
US-PATENT-CLASS-325-41 ..... c 32 N79-10263 *
US-PATENT-CLASS-325-420 ..... c 07 N73-30113 *
US-PATENT-CLASS-325-422 ..... c 07 N73-30113 *
US-PATENT-CLASS-325-423 ..... c 32 N74-20809 *
US-PATENT-CLASS-325-42 ..... c 07 N71-11266 *
US-PATENT-CLASS-325-42 ..... c 32 N76-21366 *
US-PATENT-CLASS-325-42 ..... c 32 N77-30308 *
US-PATENT-CLASS-325-445 ..... c 07 N72-20141 *
US-PATENT-CLASS-325-446 ..... c 09 N69-24324 * #
US-PATENT-CLASS-325-45 ..... c 07 N73-25160 *
US-PATENT-CLASS-325-473 ..... c 07 N71-33696 *
US-PATENT-CLASS-325-473 ..... c 10 N73-12244 *
US-PATENT-CLASS-325-473 ..... c 32 N77-30308 *
US-PATENT-CLASS-325-476 ..... c 32 N77-10392 *
US-PATENT-CLASS-325-478 ..... c 07 N71-33696 *
US-PATENT-CLASS-325-480 ..... c 07 N71-33696 *
US-PATENT-CLASS-325-480 ..... c 10 N73-12244 *
US-PATENT-CLASS-325-482 ..... c 07 N71-33696 *
US-PATENT-CLASS-325-492 ..... c 09 N72-17153 *
US-PATENT-CLASS-325-492 ..... c 09 N72-22202 *
US-PATENT-CLASS-325-4 ..... c 07 N71-16088 *
US-PATENT-CLASS-325-4 ..... c 07 N71-19773 *
US-PATENT-CLASS-325-4 ..... c 07 N71-24621 *
US-PATENT-CLASS-325-4 ..... c 07 N72-11149 *
US-PATENT-CLASS-325-4 ..... c 07 N72-12080 *
US-PATENT-CLASS-325-4 ..... c 07 N72-20140 *
US-PATENT-CLASS-325-4 ..... c 07 N72-25171 *
US-PATENT-CLASS-325-4 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-4 ..... c 15 N75-13007 *
US-PATENT-CLASS-325-4 ..... c 32 N75-26195 *
US-PATENT-CLASS-325-4 ..... c 32 N77-20289 *
US-PATENT-CLASS-325-4 ..... c 32 N79-11265 *
US-PATENT-CLASS-325-4 ..... c 32 N80-20448 *
US-PATENT-CLASS-325-51 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-55 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-58 ..... c 07 N72-11149 *
US-PATENT-CLASS-325-58 ..... c 07 N72-20140 *
US-PATENT-CLASS-325-58 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-58 ..... c 32 N78-15323 *
US-PATENT-CLASS-325-58 ..... c 32 N79-20296 *
US-PATENT-CLASS-325-5 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-60 ..... c 08 N71-19763 *
US-PATENT-CLASS-325-60 ..... c 07 N73-16121 *
US-PATENT-CLASS-325-60 ..... c 32 N75-24981 *
US-PATENT-CLASS-325-61 ..... c 07 N73-25160 *
US-PATENT-CLASS-325-62 ..... c 08 N72-25208 *
US-PATENT-CLASS-325-62 ..... c 44 N74-19870 *
US-PATENT-CLASS-325-63 ..... c 10 N71-19467 *
US-PATENT-CLASS-325-63 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-63 ..... c 32 N78-15323 *
US-PATENT-CLASS-325-63 ..... c 32 N79-20296 *
US-PATENT-CLASS-325-64 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-65 ..... c 07 N70-41331 *
US-PATENT-CLASS-325-65 ..... c 07 N70-41372 *
US-PATENT-CLASS-325-65 ..... c 07 N71-11284 *
US-PATENT-CLASS-325-65 ..... c 32 N77-30308 *
US-PATENT-CLASS-325-66 ..... c 17 N78-17140 *
US-PATENT-CLASS-325-67 ..... c 07 N71-26292 *
US-PATENT-CLASS-325-67 ..... c 10 N73-25241 *
US-PATENT-CLASS-325-67 ..... c 35 N75-21582 *
US-PATENT-CLASS-325-67 ..... c 32 N79-11265 *
US-PATENT-CLASS-325-7 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-8 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-8 ..... c 32 N80-20448 *
US-PATENT-CLASS-325-9 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-9 ..... c 32 N80-20448 *
US-PATENT-CLASS-328-104 ..... c 08 N72-22162 *
US-PATENT-CLASS-328-104 ..... c 10 N73-13235 *
US-PATENT-CLASS-328-106 ..... c 09 N72-22201 *
US-PATENT-CLASS-328-110 ..... c 09 N71-12519 *
US-PATENT-CLASS-328-111 ..... c 60 N77-12721 *
US-PATENT-CLASS-328-115 ..... c 33 N75-18479 *
US-PATENT-CLASS-328-116 ..... c 09 N69-39885 * #
US-PATENT-CLASS-328-120 ..... c 09 N71-27016 *
US-PATENT-CLASS-328-123 ..... c 60 N74-12888 *
US-PATENT-CLASS-328-129 ..... c 14 N73-30386 *
US-PATENT-CLASS-328-133 ..... c 09 N71-24596 *
US-PATENT-CLASS-328-133 ..... c 10 N72-20224 *
US-PATENT-CLASS-328-133 ..... c 33 N75-26243 *
US-PATENT-CLASS-328-133 ..... c 33 N77-13315 *
US-PATENT-CLASS-328-133 ..... c 33 N79-11313 *
US-PATENT-CLASS-328-133 ..... c 33 N84-16454 *
US-PATENT-CLASS-328-134 ..... c 08 N71-18692 *
US-PATENT-CLASS-328-134 ..... c 14 N73-30386 *
US-PATENT-CLASS-328-134 ..... c 33 N76-16331 *
US-PATENT-CLASS-328-134 ..... c 33 N81-17349 *
US-PATENT-CLASS-328-136 ..... c 09 N72-25257 *
US-PATENT-CLASS-328-140 ..... c 09 N72-25257 *
US-PATENT-CLASS-328-142 ..... c 09 N72-21245 *
US-PATENT-CLASS-328-145 ..... c 32 N76-14321 *
US-PATENT-CLASS-328-145 ..... c 09 N72-23173 *
US-PATENT-CLASS-328-145 ..... c 33 N78-32339 *
US-PATENT-CLASS-328-147 ..... c 33 N87-21235 *
US-PATENT-CLASS-328-150 ..... c 33 N78-18308 *
US-PATENT-CLASS-328-151 ..... c 09 N72-22200 *
US-PATENT-CLASS-328-151 ..... c 33 N75-18479 *
US-PATENT-CLASS-328-151 ..... c 33 N81-27396 *
US-PATENT-CLASS-328-151 ..... c 33 N91-14550 *
US-PATENT-CLASS-328-154 ..... c 08 N72-22162 *
US-PATENT-CLASS-328-154 ..... c 10 N73-13235 *
US-PATENT-CLASS-328-154 ..... c 33 N74-22814 *
US-PATENT-CLASS-328-155 ..... c 10 N72-16172 *
US-PATENT-CLASS-328-155 ..... c 09 N72-33204 *
US-PATENT-CLASS-328-155 ..... c 33 N74-17927 *
US-PATENT-CLASS-328-155 ..... c 17 N76-22245 *
US-PATENT-CLASS-328-155 ..... c 32 N88-29076 *
US-PATENT-CLASS-328-160 ..... c 32 N74-19788 *
US-PATENT-CLASS-328-161 ..... c 33 N77-17354 *
US-PATENT-CLASS-328-163 ..... c 33 N79-10338 *
US-PATENT-CLASS-328-164 ..... c 07 N71-33696 *
US-PATENT-CLASS-328-164 ..... c 33 N87-21235 *
US-PATENT-CLASS-328-165 ..... c 09 N71-24806 *
US-PATENT-CLASS-328-165 ..... c 07 N71-33696 *
US-PATENT-CLASS-328-166 ..... c 10 N72-20223 *
US-PATENT-CLASS-328-166 ..... c 33 N82-29539 *
US-PATENT-CLASS-328-167 ..... c 10 N71-22986 *
US-PATENT-CLASS-328-167 ..... c 08 N71-29034 *
US-PATENT-CLASS-328-167 ..... c 10 N72-17171 *
US-PATENT-CLASS-328-167 ..... c 09 N72-21245 *
US-PATENT-CLASS-328-167 ..... c 09 N73-20231 *
US-PATENT-CLASS-328-167 ..... c 08 N73-26175 *
US-PATENT-CLASS-328-167 ..... c 33 N82-24417 *
US-PATENT-CLASS-328-167 ..... c 33 N85-29145 *
US-PATENT-CLASS-328-168 ..... c 32 N74-19788 *
US-PATENT-CLASS-328-16 ..... c 10 N72-20223 *
US-PATENT-CLASS-328-171 ..... c 10 N71-24844 *
US-PATENT-CLASS-328-172 ..... c 32 N74-19788 *
US-PATENT-CLASS-328-172 ..... c 33 N78-17294 *
US-PATENT-CLASS-328-186 ..... c 09 N72-17157 *
US-PATENT-CLASS-328-187 ..... c 10 N73-20254 *
US-PATENT-CLASS-328-189 ..... c 14 N72-27408 *
US-PATENT-CLASS-328-190 ..... c 33 N76-14371 *
US-PATENT-CLASS-328-192 ..... c 60 N81-15706 *
US-PATENT-CLASS-328-1 ..... c 23 N71-16099 *
US-PATENT-CLASS-328-1 ..... c 10 N71-19472 *
US-PATENT-CLASS-328-1 ..... c 09 N72-22200 *
US-PATENT-CLASS-328-207 ..... c 09 N71-28468 *
US-PATENT-CLASS-328-207 ..... c 10 N71-28860 *
US-PATENT-CLASS-328-207 ..... c 09 N71-29139 *
US-PATENT-CLASS-328-207 ..... c 10 N72-20221 *
US-PATENT-CLASS-328-20 ..... c 10 N72-20223 *
US-PATENT-CLASS-328-230 ..... c 35 N84-12444 *
US-PATENT-CLASS-328-233 ..... c 10 N71-22962 *
US-PATENT-CLASS-328-233 ..... c 75 N75-13625 *
US-PATENT-CLASS-328-233 ..... c 37 N78-17386 *
US-PATENT-CLASS-328-24 ..... c 09 N72-33204 *
US-PATENT-CLASS-328-28 ..... c 33 N87-21235 *
US-PATENT-CLASS-328-37 ..... c 08 N71-12503 *
US-PATENT-CLASS-328-37 ..... c 10 N73-20254 *
US-PATENT-CLASS-328-37 ..... c 33 N76-14373 *
US-PATENT-CLASS-328-37 ..... c 33 N81-17349 *
US-PATENT-CLASS-328-38 ..... c 10 N72-20223 *
US-PATENT-CLASS-328-38 ..... c 33 N77-24375 *
US-PATENT-CLASS-328-39 ..... c 33 N77-24375 *
US-PATENT-CLASS-328-4-8 ..... c 33 N77-24375 *
US-PATENT-CLASS-328-41 ..... c 33 N75-31330 *
US-PATENT-CLASS-328-42 ..... c 08 N71-19432 *
US-PATENT-CLASS-328-44 ..... c 08 N71-29034 *
US-PATENT-CLASS-328-48 ..... c 14 N73-30386 *
US-PATENT-CLASS-328-48 ..... c 33 N74-10223 *
US-PATENT-CLASS-328-48 ..... c 60 N81-15706 *
US-PATENT-CLASS-328-49 ..... c 10 N71-27137 *
US-PATENT-CLASS-328-55 ..... c 33 N81-17349 *
US-PATENT-CLASS-328-58 ..... c 08 N71-29138 *
US-PATENT-CLASS-328-58 ..... c 33 N74-32711 *
US-PATENT-CLASS-328-58 ..... c 33 N75-18479 *
US-PATENT-CLASS-328-59 ..... c 33 N75-19515 *
US-PATENT-CLASS-328-61 ..... c 09 N71-23525 *
US-PATENT-CLASS-328-61 ..... c 10 N73-20254 *
US-PATENT-CLASS-328-61 ..... c 35 N75-30504 *
US-PATENT-CLASS-328-62 ..... c 35 N75-30504 *
US-PATENT-CLASS-328-63 ..... c 33 N76-14371 *
US-PATENT-CLASS-328-63 ..... c 33 N77-24375 *
US-PATENT-CLASS-328-67 ..... c 10 N71-28960 *
US-PATENT-CLASS-328-67 ..... c 33 N82-24418 *
US-PATENT-CLASS-328-67 ..... c 33 N88-24862 *
US-PATENT-CLASS-328-71 ..... c 60 N81-15706 *
US-PATENT-CLASS-328-92 ..... c 10 N71-28860 *
US-PATENT-CLASS-329-104 ..... c 07 N71-11282 *
US-PATENT-CLASS-329-104 ..... c 33 N74-12887 *
US-PATENT-CLASS-329-104 ..... c 32 N77-24331 *
US-PATENT-CLASS-329-107 ..... c 35 N81-19427 *
US-PATENT-CLASS-329-107 ..... c 32 N87-21207 *
US-PATENT-CLASS-329-119 ..... c 33 N77-21314 *
US-PATENT-CLASS-329-120 ..... c 07 N73-30113 *
US-PATENT-CLASS-329-122 ..... c 10 N71-19469 *
US-PATENT-CLASS-329-122 ..... c 07 N73-28012 *
US-PATENT-CLASS-329-122 ..... c 33 N74-12887 *
US-PATENT-CLASS-329-122 ..... c 32 N74-20811 *
US-PATENT-CLASS-329-122 ..... c 33 N77-14334 *
US-PATENT-CLASS-329-122 ..... c 32 N77-24331 *
US-PATENT-CLASS-329-122 ..... c 32 N79-14267 *
US-PATENT-CLASS-329-122 ..... c 33 N81-33405 *
US-PATENT-CLASS-329-124 ..... c 33 N77-14334 *

US-PATENT-CLASS-329-124 ..... c 33 N78-32338 *
US-PATENT-CLASS-329-124 ..... c 32 N84-27952 *
US-PATENT-CLASS-329-126 ..... c 33 N74-12887 *
US-PATENT-CLASS-329-140 ..... c 07 N71-24583 *
US-PATENT-CLASS-329-145 ..... c 07 N71-33696 *
US-PATENT-CLASS-329-161 ..... c 07 N72-20141 *
US-PATENT-CLASS-329-162 ..... c 07 N72-20141 *
US-PATENT-CLASS-329-166 ..... c 33 N75-19520 *
US-PATENT-CLASS-329-166 ..... c 33 N75-25041 *
US-PATENT-CLASS-329-204 ..... c 33 N75-19520 *
US-PATENT-CLASS-329-204 ..... c 33 N75-25041 *
US-PATENT-CLASS-329-205 ..... c 33 N77-21314 *
US-PATENT-CLASS-329-304 ..... c 32 N91-25318 *
US-PATENT-CLASS-329-304 ..... c 32 N91-27439 *
US-PATENT-CLASS-329-306 ..... c 04 N91-14321 *
US-PATENT-CLASS-329-310 ..... c 32 N92-21712 *
US-PATENT-CLASS-329-349 ..... c 33 N91-26438 *
US-PATENT-CLASS-329-361 ..... c 33 N91-26438 *
US-PATENT-CLASS-329-363 ..... c 33 N91-14550 *
US-PATENT-CLASS-329-50 ..... c 33 N74-17930 *
US-PATENT-CLASS-329-50 ..... c 35 N81-19427 *
US-PATENT-CLASS-33.8UB ..... c 27 N81-15104 *
US-PATENT-CLASS-33-DIG.13 .... c 35 N75-12273 *
US-PATENT-CLASS-33-DIG.3 ..... c 04 N84-14132 *
US-PATENT-CLASS-33-1G ..... c 37 N76-21554 *
US-PATENT-CLASS-33-1M ..... c 35 N74-32877 *
US-PATENT-CLASS-33-1N ..... c 43 N79-26439 *
US-PATENT-CLASS-33-1Q ..... c 43 N79-26439 *
US-PATENT-CLASS-33-1SA ..... c 14 N72-28436 *
US-PATENT-CLASS-33-1SA ..... c 19 N74-21015 *
US-PATENT-CLASS-33-10 ..... c 35 N92-22039 *
US-PATENT-CLASS-33-125R ..... c 52 N80-27072 *
US-PATENT-CLASS-33-125 ..... c 14 N72-11364 *
US-PATENT-CLASS-33-143C ..... c 52 N82-22875 *
US-PATENT-CLASS-33-147D ..... c 37 N88-14361 *
US-PATENT-CLASS-33-147 ..... c 15 N71-19489 *
US-PATENT-CLASS-33-148D ..... c 35 N75-19615 *
US-PATENT-CLASS-33-149 ..... c 14 N71-17657 *
US-PATENT-CLASS-33-15A ..... c 08 N72-11172 *
US-PATENT-CLASS-33-15D ..... c 35 N92-22039 *
US-PATENT-CLASS-33-155R ..... c 33 N76-19338 *
US-PATENT-CLASS-33-169F ..... c 35 N84-28018 *
US-PATENT-CLASS-33-174B ..... c 37 N76-21554 *
US-PATENT-CLASS-33-174D ..... c 33 N76-19338 *
US-PATENT-CLASS-33-174L ..... c 43 N79-26439 *
US-PATENT-CLASS-33-174S ..... c 14 N72-22445 *
US-PATENT-CLASS-33-174 ..... c 14 N69-21363 * #
US-PATENT-CLASS-33-174 ..... c 14 N71-17658 *
US-PATENT-CLASS-33-174 ..... c 14 N71-24693 *
US-PATENT-CLASS-33-180R ..... c 35 N75-12273 *
US-PATENT-CLASS-33-189 ..... c 15 N71-26145 *
US-PATENT-CLASS-33-19.2 ..... c 35 N92-10186 *
US-PATENT-CLASS-33-1 ..... c 14 N70-36907 *
US-PATENT-CLASS-33-204C ..... c 08 N72-11172 *
US-PATENT-CLASS-33-207 ..... c 15 N71-15571 *
US-PATENT-CLASS-33-23.02 ..... c 35 N92-10186 *
US-PATENT-CLASS-33-23R ..... c 35 N74-32877 *
US-PATENT-CLASS-33-261 ..... c 35 N91-14591 *
US-PATENT-CLASS-33-263 ..... c 09 N91-14356 *
US-PATENT-CLASS-33-268 ..... c 89 N74-30886 *
US-PATENT-CLASS-33-285 ..... c 36 N74-21091 *
US-PATENT-CLASS-33-286 ..... c 18 N76-14186 *
US-PATENT-CLASS-33-293 ..... c 35 N84-16523 *
US-PATENT-CLASS-33-31 ..... c 14 N71-21079 *
US-PATENT-CLASS-33-322 ..... c 06 N83-33882 *
US-PATENT-CLASS-33-348 ..... c 04 N84-14132 *
US-PATENT-CLASS-33-356 ..... c 04 N76-20114 *
US-PATENT-CLASS-33-356 ..... c 04 N77-19056 *
US-PATENT-CLASS-33-356 ..... c 04 N84-14132 *
US-PATENT-CLASS-33-361 ..... c 04 N84-14132 *
US-PATENT-CLASS-33-366 ..... c 35 N78-32395 *
US-PATENT-CLASS-33-46R ..... c 19 N74-21015 *
US-PATENT-CLASS-33-520 ..... c 35 N92-22039 *
US-PATENT-CLASS-33-536 ..... c 37 N89-28831 *
US-PATENT-CLASS-33-644 ..... c 35 N92-22039 *
US-PATENT-CLASS-33-72 ..... c 15 N72-11386 *
US-PATENT-CLASS-33-75R ..... c 14 N72-28436 *
US-PATENT-CLASS-33-96 ..... c 33 N75-30430 *
US-PATENT-CLASS-330-103 ..... c 32 N74-22096 *
US-PATENT-CLASS-330-107 ..... c 10 N72-11256 *
US-PATENT-CLASS-330-107 ..... c 10 N72-17172 *
US-PATENT-CLASS-330-107 ..... c 33 N84-14421 *
US-PATENT-CLASS-330-107 ..... c 33 N87-22895 *
US-PATENT-CLASS-330-109 ..... c 10 N72-11256 *
US-PATENT-CLASS-330-109 ..... c 10 N72-17171 *
US-PATENT-CLASS-330-109 ..... c 10 N72-17172 *
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US-PATENT-CLASS-330-109 ..... c 33 N82-24417 *
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US-PATENT-CLASS-330-109 ..... c 33 N84-22887 *
US-PATENT-CLASS-330-10 ..... c 33 N74-14939 *
US-PATENT-CLASS-330-110 ..... c 33 N83-36356 *
US-PATENT-CLASS-330-11 ..... c 09 N71-13531 *
US-PATENT-CLASS-330-11 ..... c 10 N71-33129 *
US-PATENT-CLASS-330-11 ..... c 09 N72-17156 *
US-PATENT-CLASS-330-124 ..... c 07 N71-28430 *

US-PATENT-CLASS-330-12 ..... c 10 N72-33230 *
US-PATENT-CLASS-330-13 ..... c 10 N71-26415 *
US-PATENT-CLASS-330-13 ..... c 33 N75-30428 *
US-PATENT-CLASS-330-14 ..... c 09 N70-35440 *
US-PATENT-CLASS-330-14 ..... c 33 N77-14335 *
US-PATENT-CLASS-330-16 ..... c 10 N71-33129 *
US-PATENT-CLASS-330-176 ..... c 10 N72-17171 *
US-PATENT-CLASS-330-18 ..... c 09 N72-17155 *
US-PATENT-CLASS-330-18 ..... c 33 N75-30428 *
US-PATENT-CLASS-330-200 ..... c 07 N71-28430 *
US-PATENT-CLASS-330-207A .... c 33 N75-30429 *
US-PATENT-CLASS-330-20 ..... c 09 N73-20232 *
US-PATENT-CLASS-330-22 ..... c 09 N71-10798 *
US-PATENT-CLASS-330-22 ..... c 09 N73-20232 *
US-PATENT-CLASS-330-24 ..... c 10 N71-33129 *
US-PATENT-CLASS-330-24 ..... c 33 N75-30429 *
US-PATENT-CLASS-330-258 ..... c 33 N86-20670 *
US-PATENT-CLASS-330-261 ..... c 33 N86-20670 *
US-PATENT-CLASS-330-26 ..... c 10 N72-17172 *
US-PATENT-CLASS-330-27R ..... c 10 N72-31273 *
US-PATENT-CLASS-330-277 ..... c 33 N84-22887 *
US-PATENT-CLASS-330-282 ..... c 33 N83-36356 *
US-PATENT-CLASS-330-289 ..... c 33 N83-34191 *
US-PATENT-CLASS-330-289 ..... c 33 N84-16454 *
US-PATENT-CLASS-330-28 ..... c 33 N74-21851 *
US-PATENT-CLASS-330-28 ..... c 33 N77-14335 *
US-PATENT-CLASS-330-290 ..... c 33 N82-24417 *
US-PATENT-CLASS-330-294 ..... c 33 N82-24417 *
US-PATENT-CLASS-330-294 ..... c 33 N84-22887 *
US-PATENT-CLASS-330-294 ..... c 33 N87-22895 *
US-PATENT-CLASS-330-29 ..... c 09 N69-24330 * #
US-PATENT-CLASS-330-29 ..... c 10 N72-28241 *
US-PATENT-CLASS-330-2 ..... c 09 N69-39986 * #
US-PATENT-CLASS-330-2 ..... c 09 N72-25250 *
US-PATENT-CLASS-330-2 ..... c 33 N78-10375 *
US-PATENT-CLASS-330-2 ..... c 33 N79-22373 *
US-PATENT-CLASS-330-30D ..... c 10 N72-20221 *
US-PATENT-CLASS-330-30D ..... c 09 N73-20232 *
US-PATENT-CLASS-330-302 ..... c 33 N85-29145 *
US-PATENT-CLASS-330-306 ..... c 33 N82-24417 *
US-PATENT-CLASS-330-306 ..... c 33 N85-29145 *
US-PATENT-CLASS-330-30 ..... c 09 N71-19466 *
US-PATENT-CLASS-330-30 ..... c 09 N71-19516 *
US-PATENT-CLASS-330-30 ..... c 09 N71-27016 *
US-PATENT-CLASS-330-310 ..... c 33 N83-34191 *
US-PATENT-CLASS-330-311 ..... c 33 N86-20670 *
US-PATENT-CLASS-330-31 ..... c 10 N71-26331 *
US-PATENT-CLASS-330-31 ..... c 10 N72-17172 *
US-PATENT-CLASS-330-35 ..... c 09 N72-17156 *
US-PATENT-CLASS-330-35 ..... c 09 N73-20232 *
US-PATENT-CLASS-330-35 ..... c 33 N74-14939 *
US-PATENT-CLASS-330-4.3 ..... c 16 N73-32391 *
US-PATENT-CLASS-330-4.3 ..... c 36 N75-19655 *
US-PATENT-CLASS-330-4.3 ..... c 36 N75-27364 *
US-PATENT-CLASS-330-4.3 ..... c 36 N75-32441 *
US-PATENT-CLASS-330-4.3 ..... c 36 N76-29575 *
US-PATENT-CLASS-330-4.3 ..... c 36 N77-25502 *
US-PATENT-CLASS-330-4.3 ..... c 73 N78-19920 *
US-PATENT-CLASS-330-4.3 ..... c 36 N82-28616 *
US-PATENT-CLASS-330-4.5 ..... c 09 N72-25258 *
US-PATENT-CLASS-330-4.9 ..... c 33 N74-32660 *
US-PATENT-CLASS-330-40 ..... c 07 N71-28430 *
US-PATENT-CLASS-330-40 ..... c 09 N72-17155 *
US-PATENT-CLASS-330-40 ..... c 09 N73-20232 *
US-PATENT-CLASS-330-40 ..... c 33 N75-30428 *
US-PATENT-CLASS-330-43 ..... c 33 N79-10339 *
US-PATENT-CLASS-330-43 ..... c 33 N82-26568 *
US-PATENT-CLASS-330-43 ..... c 33 N86-21742 *
US-PATENT-CLASS-330-49 ..... c 14 N70-35220 *
US-PATENT-CLASS-330-4 ..... c 16 N71-15550 *
US-PATENT-CLASS-330-4 ..... c 16 N71-24831 *
US-PATENT-CLASS-330-4 ..... c 16 N72-28521 *
US-PATENT-CLASS-330-4 ..... c 36 N75-15029 *
US-PATENT-CLASS-330-4 ..... c 36 N76-31512 *
US-PATENT-CLASS-330-4 ..... c 36 N78-18410 *
US-PATENT-CLASS-330-4 ..... c 36 N80-18372 *
US-PATENT-CLASS-330-4 ..... c 36 N83-35350 *
US-PATENT-CLASS-330-5.5 ..... c 71 N77-26919 *
US-PATENT-CLASS-330-51 ..... c 10 N71-28859 *
US-PATENT-CLASS-330-51 ..... c 33 N79-22373 *
US-PATENT-CLASS-330-52 ..... c 71 N78-14867 *
US-PATENT-CLASS-330-53 ..... c 33 N74-32660 *
US-PATENT-CLASS-330-59 ..... c 09 N72-25250 *
US-PATENT-CLASS-330-59 ..... c 33 N74-21851 *
US-PATENT-CLASS-330-59 ..... c 33 N77-14335 *
US-PATENT-CLASS-330-5 ..... c 33 N75-27251 *
US-PATENT-CLASS-330-61 ..... c 09 N71-23097 *
US-PATENT-CLASS-330-63 ..... c 33 N75-30428 *
US-PATENT-CLASS-330-69 ..... c 33 N74-32712 *
US-PATENT-CLASS-330-69 ..... c 33 N75-19518 *
US-PATENT-CLASS-330-6 ..... c 35 N75-13213 *
US-PATENT-CLASS-330-70CR .... c 10 N73-27171 *
US-PATENT-CLASS-330-70R ..... c 09 N72-21245 *
US-PATENT-CLASS-330-80T ..... c 09 N73-20232 *
US-PATENT-CLASS-330-85 ..... c 09 N72-21245 *
US-PATENT-CLASS-330-86 ..... c 09 N73-20231 *

US-PATENT-CLASS-330-86 ..... c 33 N75-19518 *
US-PATENT-CLASS-330-86 ..... c 33 N79-22373 *
US-PATENT-CLASS-330-8 ..... c 33 N81-24338 *
US-PATENT-CLASS-330-8 ..... c 33 N89-29681 *
US-PATENT-CLASS-330-94 ..... c 10 N72-17172 *
US-PATENT-CLASS-330-9 ..... c 33 N74-14939 *
US-PATENT-CLASS-331-DIG.1 .... c 36 N75-30524 *
US-PATENT-CLASS-331-DIG.2 .... c 33 N81-33405 *
US-PATENT-CLASS-331-1-A ..... c 33 N86-20668 *
US-PATENT-CLASS-331-1A ..... c 33 N74-10194 *
US-PATENT-CLASS-331-1A ..... c 33 N75-25040 *
US-PATENT-CLASS-331-1A ..... c 33 N79-11313 *
US-PATENT-CLASS-331-107A .... c 71 N77-26919 *
US-PATENT-CLASS-331-107G .... c 26 N72-25679 *
US-PATENT-CLASS-331-107G .... c 09 N73-15235 *
US-PATENT-CLASS-331-107 ..... c 09 N71-18721 *
US-PATENT-CLASS-331-107 ..... c 26 N72-21701 *
US-PATENT-CLASS-331-108A .... c 33 N74-20862 *
US-PATENT-CLASS-331-108D .... c 33 N86-32624 *
US-PATENT-CLASS-331-109 ..... c 10 N71-27271 *
US-PATENT-CLASS-331-109 ..... c 33 N74-26732 *
US-PATENT-CLASS-331-10 ..... c 07 N72-11150 *
US-PATENT-CLASS-331-111 ..... c 10 N71-23669 *
US-PATENT-CLASS-331-111 ..... c 09 N72-21247 *
US-PATENT-CLASS-331-113A .... c 09 N72-25253 *
US-PATENT-CLASS-331-113A .... c 09 N72-25254 *
US-PATENT-CLASS-331-113A .... c 33 N74-11049 *
US-PATENT-CLASS-331-113R .... c 33 N82-18494 *
US-PATENT-CLASS-331-113 ..... c 09 N70-38995 *
US-PATENT-CLASS-331-113 ..... c 10 N71-19418 *
US-PATENT-CLASS-331-113 ..... c 09 N71-19470 *
US-PATENT-CLASS-331-113 ..... c 10 N71-25882 *
US-PATENT-CLASS-331-113 ..... c 10 N71-25950 *
US-PATENT-CLASS-331-113 ..... c 09 N71-28810 *
US-PATENT-CLASS-331-114 ..... c 33 N77-17351 *
US-PATENT-CLASS-331-115 ..... c 10 N72-33230 *
US-PATENT-CLASS-331-115 ..... c 33 N74-20862 *
US-PATENT-CLASS-331-116-FE . c 33 N86-19515 *
US-PATENT-CLASS-331-116-R ... c 33 N87-21232 *
US-PATENT-CLASS-331-116FE .. c 33 N90-23635 *
US-PATENT-CLASS-331-116R .... c 10 N72-33230 *
US-PATENT-CLASS-331-116R .... c 33 N74-20862 *
US-PATENT-CLASS-331-116R .... c 33 N86-32624 *
US-PATENT-CLASS-331-117-FE . c 33 N86-19515 *
US-PATENT-CLASS-331-117-R ... c 33 N87-21232 *
US-PATENT-CLASS-331-117FE .. c 33 N90-23635 *
US-PATENT-CLASS-331-117R .... c 33 N74-26732 *
US-PATENT-CLASS-331-117 ..... c 10 N71-27271 *
US-PATENT-CLASS-331-117 ..... c 09 N72-22203 *
US-PATENT-CLASS-331-12 ..... c 33 N78-32338 *
US-PATENT-CLASS-331-135 ..... c 10 N73-32145 *
US-PATENT-CLASS-331-14 ..... c 09 N72-21247 *
US-PATENT-CLASS-331-14 ..... c 33 N74-10194 *
US-PATENT-CLASS-331-14 ..... c 33 N79-11313 *
US-PATENT-CLASS-331-159 ..... c 33 N74-20862 *
US-PATENT-CLASS-331-162 ..... c 33 N88-26596 *
US-PATENT-CLASS-331-177-R ... c 33 N87-22895 *
US-PATENT-CLASS-331-177R .... c 09 N73-15235 *
US-PATENT-CLASS-331-177V .... c 33 N77-17351 *
US-PATENT-CLASS-331-177 ..... c 10 N71-27271 *
US-PATENT-CLASS-331-178 ..... c 33 N74-10194 *
US-PATENT-CLASS-331-17 ..... c 10 N71-20852 *
US-PATENT-CLASS-331-17 ..... c 10 N73-27171 *
US-PATENT-CLASS-331-17 ..... c 33 N74-10194 *
US-PATENT-CLASS-331-17 ..... c 32 N88-29076 *
US-PATENT-CLASS-331-183 ..... c 33 N74-26732 *
US-PATENT-CLASS-331-18 ..... c 10 N71-26374 *
US-PATENT-CLASS-331-18 ..... c 33 N74-10194 *
US-PATENT-CLASS-331-18 ..... c 33 N75-25040 *
US-PATENT-CLASS-331-1 ..... c 52 N91-14709 *
US-PATENT-CLASS-331-23 ..... c 09 N72-21247 *
US-PATENT-CLASS-331-23 ..... c 33 N77-14334 *
US-PATENT-CLASS-331-23 ..... c 33 N79-11313 *
US-PATENT-CLASS-331-25 ..... c 10 N73-27171 *
US-PATENT-CLASS-331-25 ..... c 33 N75-25040 *
US-PATENT-CLASS-331-25 ..... c 32 N88-29076 *
US-PATENT-CLASS-331-27 ..... c 33 N79-11313 *
US-PATENT-CLASS-331-2 ..... c 33 N86-20668 *
US-PATENT-CLASS-331-30 ..... c 09 N72-21247 *
US-PATENT-CLASS-331-31 ..... c 33 N85-29143 *
US-PATENT-CLASS-331-34 ..... c 07 N72-11150 *
US-PATENT-CLASS-331-36C ..... c 33 N77-14334 *
US-PATENT-CLASS-331-36C ..... c 33 N85-29143 *
US-PATENT-CLASS-331-3 ..... c 35 N76-15436 *
US-PATENT-CLASS-331-3 ..... c 33 N85-29143 *
US-PATENT-CLASS-331-3 ..... c 33 N88-26596 *
US-PATENT-CLASS-331-44 ..... c 14 N72-27408 *
US-PATENT-CLASS-331-45 ..... c 10 N73-16206 *
US-PATENT-CLASS-331-48 ..... c 33 N81-17349 *
US-PATENT-CLASS-331-4 ..... c 09 N69-21543 * #
US-PATENT-CLASS-331-4 ..... c 33 N74-10194 *
US-PATENT-CLASS-331-4 ..... c 33 N78-32338 *
US-PATENT-CLASS-331-56 ..... c 33 N87-21232 *
US-PATENT-CLASS-331-62 ..... c 33 N74-11049 *
US-PATENT-CLASS-331-64 ..... c 33 N78-32338 *
US-PATENT-CLASS-331-65 ..... c 35 N75-29380 *

US-PATENT-CLASS-331-65 ..... c 33 N80-23559 *
US-PATENT-CLASS-331-66 ..... c 07 N72-11150 *
US-PATENT-CLASS-331-66 ..... c 33 N86-32624 *
US-PATENT-CLASS-331-78 ..... c 09 N71-23598 *
US-PATENT-CLASS-331-78 ..... c 08 N73-12175 *
US-PATENT-CLASS-331-78 ..... c 33 N75-19515 *
US-PATENT-CLASS-331-7 ..... c 07 N72-11150 *
US-PATENT-CLASS-331-82 ..... c 33 N84-27974 *
US-PATENT-CLASS-331-82 ..... c 33 N90-22724 *
US-PATENT-CLASS-331-90 ..... c 09 N73-15235 *
US-PATENT-CLASS-331-94.1 ..... c 33 N85-29143 *
US-PATENT-CLASS-331-94.1 ..... c 33 N88-26596 *
US-PATENT-CLASS-331-94.5A ... c 16 N73-33397 *
US-PATENT-CLASS-331-94.5A ... c 36 N75-27364 *
US-PATENT-CLASS-331-94.5C ... c 36 N75-31427 *
US-PATENT-CLASS-331-94.5C ... c 36 N76-18428 *
US-PATENT-CLASS-331-94.5C ... c 36 N76-24553 *
US-PATENT-CLASS-331-94.5C ... c 36 N76-29575 *
US-PATENT-CLASS-331-94.5C ... c 36 N80-14384 *
US-PATENT-CLASS-331-94.5C ... c 36 N82-13415 *
US-PATENT-CLASS-331-94.5D ... c 33 N74-20859 *
US-PATENT-CLASS-331-94.5D ... c 36 N77-19416 *
US-PATENT-CLASS-331-94.5D ... c 36 N77-25502 *
US-PATENT-CLASS-331-94.5D ... c 35 N77-27366 *
US-PATENT-CLASS-331-94.5D ... c 36 N82-13415 *
US-PATENT-CLASS-331-94.5G ... c 36 N75-31426 *
US-PATENT-CLASS-331-94.5G ... c 36 N77-19416 *
US-PATENT-CLASS-331-94.5G ... c 36 N78-17366 *
US-PATENT-CLASS-331-94.5G ... c 36 N78-27402 *
US-PATENT-CLASS-331-94.5G ... c 36 N79-18307 *
US-PATENT-CLASS-331-94.5G ... c 33 N82-24418 *
US-PATENT-CLASS-331-94.5K ... c 36 N74-15145 *
US-PATENT-CLASS-331-94.5L .... c 72 N79-13826 *
US-PATENT-CLASS-331-94.5M ... c 36 N75-19654 *
US-PATENT-CLASS-331-94.5PE . c 36 N75-32441 *
US-PATENT-CLASS-331-94.5PE . c 36 N77-19416 *
US-PATENT-CLASS-331-94.5PE . c 36 N78-27402 *
US-PATENT-CLASS-331-94.5PE . c 72 N79-13826 *
US-PATENT-CLASS-331-94.5PE . c 33 N82-24418 *
US-PATENT-CLASS-331-94.5P .... c 36 N75-19655 *
US-PATENT-CLASS-331-94.5P .... c 36 N75-31426 *
US-PATENT-CLASS-331-94.5P .... c 36 N77-25502 *
US-PATENT-CLASS-331-94.5P .... c 36 N78-27402 *
US-PATENT-CLASS-331-94.5P .... c 72 N79-13826 *
US-PATENT-CLASS-331-94.5P .... c 36 N79-18307 *
US-PATENT-CLASS-331-94.5P .... c 36 N80-14384 *
US-PATENT-CLASS-331-94.5P .... c 36 N82-13415 *
US-PATENT-CLASS-331-94.5S .... c 36 N74-15145 *
US-PATENT-CLASS-331-94.5S .... c 36 N77-25499 *
US-PATENT-CLASS-331-94.5T .... c 35 N77-27366 *
US-PATENT-CLASS-331-94.5T .... c 36 N78-17366 *
US-PATENT-CLASS-331-94.5 ..... c 16 N71-18614 *
US-PATENT-CLASS-331-94.5 ..... c 16 N71-24832 *
US-PATENT-CLASS-331-94.5 ..... c 23 N71-26722 *
US-PATENT-CLASS-331-94.5 ..... c 15 N71-27135 *
US-PATENT-CLASS-331-94.5 ..... c 23 N71-29125 *
US-PATENT-CLASS-331-94.5 ..... c 16 N71-33410 *
US-PATENT-CLASS-331-94.5 ..... c 16 N72-12440 *
US-PATENT-CLASS-331-94.5 ..... c 25 N72-24753 *
US-PATENT-CLASS-331-94.5 ..... c 16 N72-25485 *
US-PATENT-CLASS-331-94.5 ..... c 07 N73-26119 *
US-PATENT-CLASS-331-94.5 ..... c 09 N73-32111 *
US-PATENT-CLASS-331-94.5 ..... c 16 N73-32391 *
US-PATENT-CLASS-331-94.5 ..... c 36 N76-18427 *
US-PATENT-CLASS-331-94-5G ... c 36 N75-32441 *
US-PATENT-CLASS-331-94 ..... c 16 N70-41578 *
US-PATENT-CLASS-331-94 ..... c 16 N72-28521 *
US-PATENT-CLASS-331-94 ..... c 16 N73-13489 *
US-PATENT-CLASS-331-94 ..... c 35 N76-15436 *
US-PATENT-CLASS-331-94 ..... c 36 N76-31512 *
US-PATENT-CLASS-331-94 ..... c 36 N79-14362 *
US-PATENT-CLASS-331-94 ..... c 36 N80-18372 *
US-PATENT-CLASS-331-96 ..... c 33 N85-29143 *
US-PATENT-CLASS-332-10 ..... c 08 N71-29138 *
US-PATENT-CLASS-332-11D ..... c 35 N74-17885 *
US-PATENT-CLASS-332-16 ..... c 33 N77-21314 *
US-PATENT-CLASS-332-18 ..... c 33 N77-17351 *
US-PATENT-CLASS-332-19 ..... c 10 N71-23544 *
US-PATENT-CLASS-332-1 ..... c 10 N71-23084 *
US-PATENT-CLASS-332-21 ..... c 08 N72-25208 *
US-PATENT-CLASS-332-22 ..... c 32 N77-14292 *
US-PATENT-CLASS-332-22 ..... c 33 N81-15192 *
US-PATENT-CLASS-332-23-A ..... c 32 N87-25511 *
US-PATENT-CLASS-332-23R ..... c 32 N77-14292 *
US-PATENT-CLASS-332-23R ..... c 33 N81-15192 *
US-PATENT-CLASS-332-29 ..... c 07 N71-28429 *
US-PATENT-CLASS-332-2 ..... c 35 N75-19614 *
US-PATENT-CLASS-332-30V ..... c 33 N77-14334 *
US-PATENT-CLASS-332-30V ..... c 33 N77-17351 *
US-PATENT-CLASS-332-30 ..... c 10 N71-27271 *
US-PATENT-CLASS-332-30 ..... c 07 N71-28429 *
US-PATENT-CLASS-332-30 ..... c 33 N77-21314 *
US-PATENT-CLASS-332-31 ..... c 08 N71-12500 *
US-PATENT-CLASS-332-31 ..... c 26 N72-21701 *
US-PATENT-CLASS-332-47 ..... c 33 N75-19520 *
US-PATENT-CLASS-332-51W ..... c 07 N72-20141 *
US-PATENT-CLASS-332-52 ..... c 33 N77-21314 *
US-PATENT-CLASS-332-7.51 ..... c 16 N72-25485 *
US-PATENT-CLASS-332-7.51 ..... c 07 N73-26119 *
US-PATENT-CLASS-332-7.51 ..... c 33 N74-20859 *
US-PATENT-CLASS-332-7.51 ..... c 36 N76-18427 *
US-PATENT-CLASS-332-7.5 ..... c 36 N75-15029 *
US-PATENT-CLASS-332-7.5 ..... c 36 N78-18410 *
US-PATENT-CLASS-332-7.5 ..... c 36 N83-35350 *
US-PATENT-CLASS-332-751 ..... c 36 N80-16321 *
US-PATENT-CLASS-332-9R ..... c 08 N71-29138 *
US-PATENT-CLASS-332-9 ..... c 07 N71-12390 *
US-PATENT-CLASS-333-104 ..... c 33 N82-16340 *
US-PATENT-CLASS-333-12 ..... c 32 N80-32605 *
US-PATENT-CLASS-333-12 ..... c 33 N81-27397 *
US-PATENT-CLASS-333-14 ..... c 32 N74-19788 *
US-PATENT-CLASS-333-161 ..... c 74 N92-28571 *
US-PATENT-CLASS-333-162 ..... c 33 N84-16452 *
US-PATENT-CLASS-333-162 ..... c 33 N84-27974 *
US-PATENT-CLASS-333-16 ..... c 33 N74-17927 *
US-PATENT-CLASS-333-17R ..... c 33 N78-32340 *
US-PATENT-CLASS-333-17 ..... c 44 N74-19870 *
US-PATENT-CLASS-333-18 ..... c 33 N74-17927 *
US-PATENT-CLASS-333-18 ..... c 32 N76-21366 *
US-PATENT-CLASS-333-204 ..... c 33 N81-17348 *
US-PATENT-CLASS-333-20 ..... c 33 N82-24418 *
US-PATENT-CLASS-333-21A ..... c 07 N71-33606 *
US-PATENT-CLASS-333-21R ..... c 33 N75-30430 *
US-PATENT-CLASS-333-214 ..... c 33 N87-22895 *
US-PATENT-CLASS-333-217 ..... c 33 N87-22895 *
US-PATENT-CLASS-333-21 ..... c 07 N71-10676 *
US-PATENT-CLASS-333-22F ..... c 32 N83-27085 *
US-PATENT-CLASS-333-231 ..... c 33 N85-29143 *
US-PATENT-CLASS-333-24.2 ..... c 36 N83-35350 *
US-PATENT-CLASS-333-24R ..... c 09 N72-29172 *
US-PATENT-CLASS-333-24R ..... c 36 N80-18372 *
US-PATENT-CLASS-333-246 ..... c 33 N82-16340 *
US-PATENT-CLASS-333-247 ..... c 33 N91-14552 *
US-PATENT-CLASS-333-252 ..... c 32 N80-32605 *
US-PATENT-CLASS-333-254 ..... c 32 N83-27085 *
US-PATENT-CLASS-333-262 ..... c 33 N80-18285 *
US-PATENT-CLASS-333-30 ..... c 10 N71-25900 *
US-PATENT-CLASS-333-6 ..... c 07 N71-33606 *
US-PATENT-CLASS-333-70CR .... c 10 N72-17171 *
US-PATENT-CLASS-333-70R ..... c 32 N77-18307 *
US-PATENT-CLASS-333-72 ..... c 10 N71-25900 *
US-PATENT-CLASS-333-72 ..... c 71 N77-26919 *
US-PATENT-CLASS-333-73R ..... c 09 N73-26195 *
US-PATENT-CLASS-333-73S ..... c 09 N73-26195 *
US-PATENT-CLASS-333-73W ..... c 07 N72-20141 *
US-PATENT-CLASS-333-73 ..... c 07 N69-24323 * #
US-PATENT-CLASS-333-73 ..... c 09 N71-23573 *
US-PATENT-CLASS-333-75 ..... c 32 N77-18307 *
US-PATENT-CLASS-333-76 ..... c 32 N77-18307 *
US-PATENT-CLASS-333-79 ..... c 10 N70-41964 *
US-PATENT-CLASS-333-79 ..... c 09 N72-25256 *
US-PATENT-CLASS-333-7 ..... c 07 N71-33606 *
US-PATENT-CLASS-333-7 ..... c 07 N72-25170 *
US-PATENT-CLASS-333-80R ..... c 33 N74-32712 *
US-PATENT-CLASS-333-80T ..... c 10 N72-33230 *
US-PATENT-CLASS-333-80 ..... c 09 N71-12517 *
US-PATENT-CLASS-333-80 ..... c 09 N72-21245 *
US-PATENT-CLASS-333-81B ..... c 14 N73-13420 *
US-PATENT-CLASS-333-81R ..... c 07 N72-25170 *
US-PATENT-CLASS-333-81R ..... c 33 N78-32340 *
US-PATENT-CLASS-333-81R ..... c 32 N80-14281 *
US-PATENT-CLASS-333-81 ..... c 07 N71-29065 *
US-PATENT-CLASS-333-82A ..... c 09 N73-26195 *
US-PATENT-CLASS-333-82B ..... c 32 N77-18307 *
US-PATENT-CLASS-333-83BT .... c 33 N75-30430 *
US-PATENT-CLASS-333-83R ..... c 36 N74-11313 *
US-PATENT-CLASS-333-83 ..... c 09 N71-24841 *
US-PATENT-CLASS-333-84M ..... c 09 N73-26195 *
US-PATENT-CLASS-333-8 ..... c 07 N69-24334 * #
US-PATENT-CLASS-333-95 ..... c 07 N71-27191 *
US-PATENT-CLASS-333-96 ..... c 09 N71-20445 *
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US-PATENT-CLASS-333-97R ..... c 36 N74-11313 *
US-PATENT-CLASS-333-97 ..... c 07 N69-27462 * #
US-PATENT-CLASS-333-98P ..... c 07 N72-25170 *
US-PATENT-CLASS-333-98P ..... c 09 N72-29172 *
US-PATENT-CLASS-333-98R ..... c 07 N72-25170 *
US-PATENT-CLASS-333-98R ..... c 09 N72-29172 *
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US-PATENT-CLASS-333-98S ..... c 07 N72-25170 *
US-PATENT-CLASS-333-98 ..... c 09 N71-23548 *
US-PATENT-CLASS-333-98 ..... c 09 N71-24808 *
US-PATENT-CLASS-333-99S ..... c 32 N80-32605 *
US-PATENT-CLASS-333-995 ..... c 74 N92-28571 *
US-PATENT-CLASS-335-100 ..... c 37 N85-30333 *
US-PATENT-CLASS-335-205 ..... c 09 N72-20199 *
US-PATENT-CLASS-335-216 ..... c 16 N71-28554 *
US-PATENT-CLASS-335-216 ..... c 23 N71-29049 *
US-PATENT-CLASS-335-216 ..... c 26 N73-32571 *
US-PATENT-CLASS-335-216 ..... c 20 N75-24837 *
US-PATENT-CLASS-335-216 ..... c 33 N79-21264 *
US-PATENT-CLASS-335-222 ..... c 35 N84-28017 *
US-PATENT-CLASS-335-229 ..... c 33 N82-24421 *
US-PATENT-CLASS-335-256 ..... c 33 N82-11357 *
US-PATENT-CLASS-335-266 ..... c 33 N82-11357 *
US-PATENT-CLASS-335-266 ..... c 33 N82-24421 *
US-PATENT-CLASS-335-296 ..... c 09 N73-30185 *
US-PATENT-CLASS-335-297 ..... c 09 N73-30185 *
US-PATENT-CLASS-335-300 ..... c 09 N70-41929 *
US-PATENT-CLASS-336-DIG.1 .... c 26 N73-26752 *
US-PATENT-CLASS-336-DIG.1 .... c 33 N79-17133 *
US-PATENT-CLASS-336-120 ..... c 33 N82-24422 *
US-PATENT-CLASS-336-178 ..... c 09 N72-17154 *
US-PATENT-CLASS-336-198 ..... c 09 N72-27226 *
US-PATENT-CLASS-336-198 ..... c 33 N85-29146 *
US-PATENT-CLASS-336-198 ..... c 33 N91-14539 *
US-PATENT-CLASS-336-200 ..... c 26 N73-26752 *
US-PATENT-CLASS-336-205 ..... c 33 N91-14539 *
US-PATENT-CLASS-336-210 ..... c 33 N74-17928 *
US-PATENT-CLASS-336-220 ..... c 09 N72-27226 *
US-PATENT-CLASS-336-229 ..... c 33 N91-14539 *
US-PATENT-CLASS-336-60 ..... c 09 N72-27226 *
US-PATENT-CLASS-336-83 ..... c 33 N82-24422 *
US-PATENT-CLASS-336-84C ..... c 33 N85-29146 *
US-PATENT-CLASS-337-114 ..... c 09 N71-29035 *
US-PATENT-CLASS-337-121 ..... c 09 N71-29035 *
US-PATENT-CLASS-337-140 ..... c 37 N86-19604 *
US-PATENT-CLASS-337-14 ..... c 31 N83-31897 *
US-PATENT-CLASS-337-334 ..... c 37 N77-19458 *
US-PATENT-CLASS-337-354 ..... c 15 N72-12409 *
US-PATENT-CLASS-337-359 ..... c 15 N72-12409 *
US-PATENT-CLASS-337-393 ..... c 37 N87-23970 *
US-PATENT-CLASS-337-75 ..... c 15 N72-12409 *
US-PATENT-CLASS-337 ..... c 25 N79-28253 *
US-PATENT-CLASS-338-100 ..... c 35 N78-17359 *
US-PATENT-CLASS-338-114 ..... c 52 N74-27864 *
US-PATENT-CLASS-338-128 ..... c 33 N92-29153 *
US-PATENT-CLASS-338-13 ..... c 24 N75-30260 *
US-PATENT-CLASS-338-162 ..... c 37 N75-13265 *
US-PATENT-CLASS-338-18 ..... c 35 N79-33449 *
US-PATENT-CLASS-338-22SD .... c 35 N92-33614 *
US-PATENT-CLASS-338-221 ..... c 33 N91-14537 *
US-PATENT-CLASS-338-229 ..... c 35 N77-24454 *
US-PATENT-CLASS-338-25 ..... c 35 N77-21393 *
US-PATENT-CLASS-338-25 ..... c 35 N82-24470 *
US-PATENT-CLASS-338-25 ..... c 35 N92-33614 *
US-PATENT-CLASS-338-275 ..... c 35 N82-24470 *
US-PATENT-CLASS-338-283 ..... c 24 N75-30260 *
US-PATENT-CLASS-338-28 ..... c 35 N77-20400 *
US-PATENT-CLASS-338-28 ..... c 35 N77-24454 *
US-PATENT-CLASS-338-28 ..... c 35 N82-24470 *
US-PATENT-CLASS-338-2 ..... c 33 N75-31329 *
US-PATENT-CLASS-338-2 ..... c 35 N80-20560 *
US-PATENT-CLASS-338-2 ..... c 52 N80-27072 *
US-PATENT-CLASS-338-2 ..... c 35 N84-12443 *
US-PATENT-CLASS-338-309 ..... c 27 N84-33589 *
US-PATENT-CLASS-338-32S ..... c 33 N78-13320 *
US-PATENT-CLASS-338-320 ..... c 33 N74-14935 *
US-PATENT-CLASS-338-32 ..... c 33 N91-14537 *
US-PATENT-CLASS-338-36 ..... c 35 N78-17359 *
US-PATENT-CLASS-338-4 ..... c 35 N92-29097 *
US-PATENT-CLASS-338-5 ..... c 32 N71-15974 *
US-PATENT-CLASS-338-5 ..... c 52 N74-27864 *
US-PATENT-CLASS-338-64 ..... c 09 N71-21583 *
US-PATENT-CLASS-338-6 ..... c 35 N76-14430 *
US-PATENT-CLASS-338-6 ..... c 52 N76-29895 *
US-PATENT-CLASS-338-75 ..... c 37 N75-13265 *
US-PATENT-CLASS-338-82 ..... c 09 N71-20842 *
US-PATENT-CLASS-338-89 ..... c 35 N74-32877 *
US-PATENT-CLASS-338-97 ..... c 37 N75-13265 *
US-PATENT-CLASS-338-99 ..... c 35 N78-17359 *
US-PATENT-CLASS-339-143C .... c 33 N76-16332 *
US-PATENT-CLASS-339-143R .... c 09 N72-25256 *
US-PATENT-CLASS-339-147R .... c 09 N72-25256 *
US-PATENT-CLASS-339-150 ..... c 09 N69-21470 * #
US-PATENT-CLASS-339-17M ..... c 37 N76-27567 *
US-PATENT-CLASS-339-17R ..... c 15 N71-29133 *
US-PATENT-CLASS-339-176MF . c 09 N72-28225 *
US-PATENT-CLASS-339-176M .... c 15 N72-17455 *
US-PATENT-CLASS-339-176 ..... c 09 N70-34596 *
US-PATENT-CLASS-339-176 ..... c 09 N70-36494 *
US-PATENT-CLASS-339-177 ..... c 09 N71-20851 *
US-PATENT-CLASS-339-17 ..... c 14 N69-27431 * #
US-PATENT-CLASS-339-17 ..... c 15 N71-17685 *
US-PATENT-CLASS-339-17 ..... c 09 N71-26133 *
US-PATENT-CLASS-339-18C ..... c 37 N76-27567 *
US-PATENT-CLASS-339-198R .... c 33 N76-16332 *
US-PATENT-CLASS-339-218M .... c 09 N72-28225 *
US-PATENT-CLASS-339-242 ..... c 33 N76-16332 *
US-PATENT-CLASS-339-252R .... c 52 N77-14738 *
US-PATENT-CLASS-339-258RR . c 33 N84-14423 *
US-PATENT-CLASS-339-262RR . c 33 N84-14423 *
US-PATENT-CLASS-339-275R .... c 33 N76-16332 *
US-PATENT-CLASS-339-275T .... c 09 N72-20200 *
US-PATENT-CLASS-339-276T .... c 09 N72-20200 *
US-PATENT-CLASS-339-278M .... c 15 N72-17455 *
US-PATENT-CLASS-339-3R ..... c 07 N83-20944 *

US-PATENT-CLASS-339-45M ..... c 15 N72-25450 *
US-PATENT-CLASS-339-46 ..... c 15 N72-17455 *
US-PATENT-CLASS-339-5R ..... c 07 N83-20944 *
US-PATENT-CLASS-339-5 ..... c 15 N71-23049 *
US-PATENT-CLASS-339-64M ..... c 33 N84-14423 *
US-PATENT-CLASS-339-75MP .... c 09 N72-28225 *
US-PATENT-CLASS-339-91B ..... c 15 N72-25450 *
US-PATENT-CLASS-339-91 ..... c 09 N69-21927 * #
US-PATENT-CLASS-339-94M ..... c 09 N72-28225 *
US-PATENT-CLASS-339-95 ..... c 09 N69-39734 * #
US-PATENT-CLASS-339,12R ..... c 52 N77-25772 *
US-PATENT-CLASS-34-155 ..... c 14 N73-28489 *
US-PATENT-CLASS-34-15 ..... c 28 N78-24365 *
US-PATENT-CLASS-34-160 ..... c 14 N73-28489 *
US-PATENT-CLASS-34-162 ..... c 14 N73-28489 *
US-PATENT-CLASS-34-162 ..... c 35 N74-15831 *
US-PATENT-CLASS-34-57A ..... c 35 N83-24828 *
US-PATENT-CLASS-340-12R ..... c 35 N74-16135 *
US-PATENT-CLASS-340-12R ..... c 46 N79-23555 *
US-PATENT-CLASS-340-146.1AL c 08 N72-25210 *
US-PATENT-CLASS-340-146.1AL c 08 N73-12175 *
US-PATENT-CLASS-340-146.1AL c 32 N77-12240 *
US-PATENT-CLASS-340-146.1AQ c 08 N73-12177 *
US-PATENT-CLASS-340-146.1AQ c 32 N74-32598 *
US-PATENT-CLASS-340-146.1AQ c 32 N77-12240 *
US-PATENT-CLASS-340-146.1AV c 08 N73-12177 *
US-PATENT-CLASS-340-146.1AV c 32 N77-12240 *
US-PATENT-CLASS-340-146.1AX c 32 N79-10263 *
US-PATENT-CLASS-340-146.1C . c 07 N73-20176 *
US-PATENT-CLASS-340-146.1E . c 32 N79-10263 *
US-PATENT-CLASS-340-146.1 .... c 09 N71-18843 *
US-PATENT-CLASS-340-146.1 .... c 08 N71-22749 *
US-PATENT-CLASS-340-146.1 .... c 10 N71-26103 *
US-PATENT-CLASS-340-146.1 .... c 08 N71-27255 *
US-PATENT-CLASS-340-146.1 .... c 08 N72-22167 *
US-PATENT-CLASS-340-146.1 .... c 08 N72-25207 *
US-PATENT-CLASS-340-146.1 .... c 07 N73-13149 *
US-PATENT-CLASS-340-146.2 .... c 08 N71-12505 *
US-PATENT-CLASS-340-146.2 .... c 08 N71-23295 *
US-PATENT-CLASS-340-146.3H . c 74 N81-19896 *
US-PATENT-CLASS-340-146.3P . c 43 N77-10584 *
US-PATENT-CLASS-340-146.3Q . c 43 N77-10584 *
US-PATENT-CLASS-340-146.3S . c 74 N81-19896 *
US-PATENT-CLASS-340-146.3Y . c 74 N81-19896 *
US-PATENT-CLASS-340-147C .... c 60 N76-14818 *
US-PATENT-CLASS-340-147R .... c 07 N73-20176 *
US-PATENT-CLASS-340-147R .... c 60 N76-14818 *
US-PATENT-CLASS-340-147SY .. c 17 N76-22245 *
US-PATENT-CLASS-340-147 ..... c 09 N70-33182 *
US-PATENT-CLASS-340-147 ..... c 09 N70-38998 *
US-PATENT-CLASS-340-15.5GC c 14 N73-26432 *
US-PATENT-CLASS-340-150 ..... c 10 N71-27272 *
US-PATENT-CLASS-340-151 ..... c 33 N74-27862 *
US-PATENT-CLASS-340-163 ..... c 07 N73-20176 *
US-PATENT-CLASS-340-164 ..... c 10 N71-27272 *
US-PATENT-CLASS-340-166 ..... c 10 N71-27272 *
US-PATENT-CLASS-340-166 ..... c 10 N73-32144 *
US-PATENT-CLASS-340-167 ..... c 07 N72-25173 *
US-PATENT-CLASS-340-171 ..... c 09 N72-22202 *
US-PATENT-CLASS-340-171 ..... c 16 N73-16536 *
US-PATENT-CLASS-340-172.5 .... c 08 N69-21928 * #
US-PATENT-CLASS-340-172.5 .... c 09 N69-24333 * #
US-PATENT-CLASS-340-172.5 .... c 08 N71-12502 *
US-PATENT-CLASS-340-172.5 .... c 08 N71-12506 *
US-PATENT-CLASS-340-172.5 .... c 31 N71-15566 *
US-PATENT-CLASS-340-172.5 .... c 08 N71-19288 *
US-PATENT-CLASS-340-172.5 .... c 08 N71-22707 *
US-PATENT-CLASS-340-172.5 .... c 08 N71-22710 *
US-PATENT-CLASS-340-172.5 .... c 07 N71-24624 *
US-PATENT-CLASS-340-172.5 .... c 08 N71-27255 *
US-PATENT-CLASS-340-172.5 .... c 07 N72-25172 *
US-PATENT-CLASS-340-172.5 .... c 08 N72-25207 *
US-PATENT-CLASS-340-172.5 .... c 09 N72-25248 *
US-PATENT-CLASS-340-172.5 .... c 08 N73-13187 *
US-PATENT-CLASS-340-172.5 .... c 08 N73-26176 *
US-PATENT-CLASS-340-172.5 .... c 60 N76-18800 *
US-PATENT-CLASS-340-172.5 .... c 60 N76-21914 *
US-PATENT-CLASS-340-172.5 .... c 60 N77-12721 *
US-PATENT-CLASS-340-172.5 .... c 60 N77-14751 *
US-PATENT-CLASS-340-172.5 .... c 60 N77-19760 *
US-PATENT-CLASS-340-173.2 .... c 08 N72-21198 *
US-PATENT-CLASS-340-173CA .. c 33 N75-31331 *
US-PATENT-CLASS-340-173CR .. c 60 N74-12888 *
US-PATENT-CLASS-340-173LM .. c 60 N74-12888 *
US-PATENT-CLASS-340-173LM .. c 60 N78-10709 *
US-PATENT-CLASS-340-173LS .. c 08 N72-21198 *
US-PATENT-CLASS-340-173LS .. c 36 N75-19652 *
US-PATENT-CLASS-340-173 ..... c 10 N73-32144 *
US-PATENT-CLASS-340-174.1L .. c 35 N74-11283 *
US-PATENT-CLASS-340-174.1M . c 36 N74-13205 *
US-PATENT-CLASS-340-174.1M . c 35 N78-29421 *
US-PATENT-CLASS-340-174.1M . c 35 N79-16246 *
US-PATENT-CLASS-340-174.1R . c 21 N73-13644 *
US-PATENT-CLASS-340-174.1 .... c 08 N71-21042 *
US-PATENT-CLASS-340-174.1 .... c 07 N71-23001 *
US-PATENT-CLASS-340-174.1 .... c 08 N71-27210 *
US-PATENT-CLASS-340-174AG . c 23 N72-17747 *
US-PATENT-CLASS-340-174CS .. c 08 N72-21199 *
US-PATENT-CLASS-340-174CT .. c 23 N72-17747 *
US-PATENT-CLASS-340-174GA . c 23 N72-17747 *
US-PATENT-CLASS-340-174LC .. c 08 N72-21199 *
US-PATENT-CLASS-340-174MA . c 24 N75-13032 *
US-PATENT-CLASS-340-174M .... c 08 N72-21199 *
US-PATENT-CLASS-340-174SC .. c 23 N72-17747 *
US-PATENT-CLASS-340-174SR .. c 08 N72-21199 *
US-PATENT-CLASS-340-174YC .. c 36 N74-13205 *
US-PATENT-CLASS-340-174YC .. c 35 N78-29421 *
US-PATENT-CLASS-340-174 ..... c 08 N71-12504 *
US-PATENT-CLASS-340-174 ..... c 09 N71-12515 *
US-PATENT-CLASS-340-174 ..... c 08 N71-18595 *
US-PATENT-CLASS-340-174 ..... c 08 N71-18694 *
US-PATENT-CLASS-340-174 ..... c 10 N71-23033 *
US-PATENT-CLASS-340-174 ..... c 10 N71-26418 *
US-PATENT-CLASS-340-174 ..... c 10 N71-26434 *
US-PATENT-CLASS-340-174 ..... c 08 N71-28925 *
US-PATENT-CLASS-340-174 ..... c 10 N71-29135 *
US-PATENT-CLASS-340-177VA .. c 06 N80-18036 *
US-PATENT-CLASS-340-177 ..... c 09 N72-17153 *
US-PATENT-CLASS-340-182 ..... c 33 N74-27862 *
US-PATENT-CLASS-340-183 ..... c 52 N74-26625 *
US-PATENT-CLASS-340-189M .... c 17 N76-29347 *
US-PATENT-CLASS-340-198 ..... c 14 N70-33179 *
US-PATENT-CLASS-340-198 ..... c 07 N71-11298 *
US-PATENT-CLASS-340-200 ..... c 33 N74-27862 *
US-PATENT-CLASS-340-200 ..... c 33 N77-31404 *
US-PATENT-CLASS-340-203 ..... c 09 N72-22202 *
US-PATENT-CLASS-340-203 ..... c 52 N74-26625 *
US-PATENT-CLASS-340-206 ..... c 17 N76-29347 *
US-PATENT-CLASS-340-207P .... c 17 N76-22245 *
US-PATENT-CLASS-340-207R .... c 52 N74-26625 *
US-PATENT-CLASS-340-207 ..... c 07 N73-25160 *
US-PATENT-CLASS-340-210 ..... c 03 N72-20031 *
US-PATENT-CLASS-340-213.1 .... c 10 N71-19417 *
US-PATENT-CLASS-340-213R .... c 54 N78-32720 *
US-PATENT-CLASS-340-213 ..... c 10 N71-27272 *
US-PATENT-CLASS-340-223 ..... c 10 N73-32144 *
US-PATENT-CLASS-340-224 ..... c 37 N77-19458 *
US-PATENT-CLASS-340-227R .... c 14 N72-25412 *
US-PATENT-CLASS-340-227 ..... c 10 N71-16058 *
US-PATENT-CLASS-340-227 ..... c 14 N71-27186 *
US-PATENT-CLASS-340-228.2 .... c 10 N72-17173 *
US-PATENT-CLASS-340-228S .... c 14 N73-16484 *
US-PATENT-CLASS-340-233 ..... c 14 N71-25901 *
US-PATENT-CLASS-340-235 ..... c 10 N71-26334 *
US-PATENT-CLASS-340-237S .... c 45 N76-17656 *
US-PATENT-CLASS-340-240 ..... c 09 N72-27227 *
US-PATENT-CLASS-340-242 ..... c 35 N75-19612 *
US-PATENT-CLASS-340-248 ..... c 10 N71-27338 *
US-PATENT-CLASS-340-258R .... c 07 N73-25160 *
US-PATENT-CLASS-340-258 ..... c 10 N72-28240 *
US-PATENT-CLASS-340-25 ..... c 14 N73-16483 *
US-PATENT-CLASS-340-262 ..... c 54 N78-32720 *
US-PATENT-CLASS-340-26 ..... c 21 N72-22619 *
US-PATENT-CLASS-340-26 ..... c 04 N82-16059 *
US-PATENT-CLASS-340-27AT .... c 21 N73-14692 *
US-PATENT-CLASS-340-27NA .... c 21 N73-13643 *
US-PATENT-CLASS-340-27NA .... c 06 N82-16075 *
US-PATENT-CLASS-340-27R ..... c 14 N73-16483 *
US-PATENT-CLASS-340-27R ..... c 14 N73-20474 *
US-PATENT-CLASS-340-27SS .... c 35 N78-14364 *
US-PATENT-CLASS-340-271 ..... c 35 N77-30436 *
US-PATENT-CLASS-340-277 ..... c 10 N73-30205 *
US-PATENT-CLASS-340-279 ..... c 05 N72-16015 *
US-PATENT-CLASS-340-279 ..... c 10 N73-30205 *
US-PATENT-CLASS-340-279 ..... c 54 N78-32720 *
US-PATENT-CLASS-340-285 ..... c 14 N71-25901 *
US-PATENT-CLASS-340-285 ..... c 54 N78-32720 *
US-PATENT-CLASS-340-309.1 .... c 54 N78-32720 *
US-PATENT-CLASS-340-309.4 .... c 33 N81-14221 *
US-PATENT-CLASS-340-310A .... c 33 N81-14221 *
US-PATENT-CLASS-340-310R .... c 33 N81-14221 *
US-PATENT-CLASS-340-324AD .. c 33 N75-19517 *
US-PATENT-CLASS-340-324A .... c 09 N72-25248 *
US-PATENT-CLASS-340-324R .... c 26 N72-25680 *
US-PATENT-CLASS-340-324 ..... c 08 N71-12507 *
US-PATENT-CLASS-340-324 ..... c 09 N71-33519 *
US-PATENT-CLASS-340-332 ..... c 09 N72-25250 *
US-PATENT-CLASS-340-336 ..... c 09 N71-33519 *
US-PATENT-CLASS-340-33 ..... c 21 N73-13643 *
US-PATENT-CLASS-340-347AD .. c 14 N71-28991 *
US-PATENT-CLASS-340-347AD .. c 08 N72-21200 *
US-PATENT-CLASS-340-347AD .. c 08 N72-22163 *
US-PATENT-CLASS-340-347AD .. c 08 N72-22166 *
US-PATENT-CLASS-340-347AD .. c 08 N72-31226 *
US-PATENT-CLASS-340-347AD .. c 08 N73-20217 *
US-PATENT-CLASS-340-347AD .. c 35 N74-17885 *
US-PATENT-CLASS-340-347AD .. c 35 N74-32877 *
US-PATENT-CLASS-340-347AD .. c 33 N76-18345 *
US-PATENT-CLASS-340-347AD .. c 60 N77-32731 *
US-PATENT-CLASS-340-347CC .. c 31 N86-29055 *
US-PATENT-CLASS-340-347DA .. c 08 N71-27057 *
US-PATENT-CLASS-340-347DA .. c 08 N72-20176 *
US-PATENT-CLASS-340-347DA .. c 08 N72-25206 *
US-PATENT-CLASS-340-347DA .. c 08 N73-32081 *
US-PATENT-CLASS-340-347DD .. c 10 N71-33407 *
US-PATENT-CLASS-340-347DD .. c 08 N72-18184 *
US-PATENT-CLASS-340-347DD .. c 08 N72-20176 *
US-PATENT-CLASS-340-347DD .. c 08 N72-21197 *
US-PATENT-CLASS-340-347DD .. c 08 N73-12176 *
US-PATENT-CLASS-340-347DD .. c 60 N76-23850 *
US-PATENT-CLASS-340-347DD .. c 32 N77-12239 *
US-PATENT-CLASS-340-347DD .. c 60 N78-17691 *
US-PATENT-CLASS-340-347DD .. c 60 N79-20751 *
US-PATENT-CLASS-340-347DD .. c 33 N82-26570 *
US-PATENT-CLASS-340-347DD .. c 32 N86-27513 *
US-PATENT-CLASS-340-347P ..... c 60 N76-23850 *
US-PATENT-CLASS-340-347P ..... c 35 N77-30436 *
US-PATENT-CLASS-340-347R .... c 08 N72-22165 *
US-PATENT-CLASS-340-347SH .. c 33 N77-31404 *
US-PATENT-CLASS-340-347SY .. c 62 N76-31946 *
US-PATENT-CLASS-340-347SY .. c 35 N77-30436 *
US-PATENT-CLASS-340-347SY .. c 31 N86-29055 *
US-PATENT-CLASS-340-347 ..... c 08 N70-35423 *
US-PATENT-CLASS-340-347 ..... c 08 N70-40125 *
US-PATENT-CLASS-340-347 ..... c 08 N71-12501 *
US-PATENT-CLASS-340-347 ..... c 08 N71-18594 *
US-PATENT-CLASS-340-347 ..... c 08 N71-19435 *
US-PATENT-CLASS-340-347 ..... c 08 N71-19544 *
US-PATENT-CLASS-340-347 ..... c 08 N71-19687 *
US-PATENT-CLASS-340-347 ..... c 08 N71-24650 *
US-PATENT-CLASS-340-347 ..... c 10 N71-25917 *
US-PATENT-CLASS-340-347 ..... c 10 N71-26544 *
US-PATENT-CLASS-340-347 ..... c 08 N73-28045 *
US-PATENT-CLASS-340-348 ..... c 08 N72-22167 *
US-PATENT-CLASS-340-38P ..... c 66 N76-19888 *
US-PATENT-CLASS-340-403 ..... c 10 N71-27272 *
US-PATENT-CLASS-340-407 ..... c 71 N74-21014 *
US-PATENT-CLASS-340-407 ..... c 82 N87-29372 *
US-PATENT-CLASS-340-412 ..... c 10 N71-24798 *
US-PATENT-CLASS-340-415 ..... c 10 N73-32144 *
US-PATENT-CLASS-340-418 ..... c 14 N73-16484 *
US-PATENT-CLASS-340-5C ..... c 14 N73-27379 *
US-PATENT-CLASS-340-5H ..... c 32 N77-21267 *
US-PATENT-CLASS-340-5R ..... c 35 N74-16135 *
US-PATENT-CLASS-340-518 ..... c 35 N83-34272 *
US-PATENT-CLASS-340-555 ..... c 74 N85-22139 *
US-PATENT-CLASS-340-566 ..... c 35 N83-34272 *
US-PATENT-CLASS-340-57 ..... c 14 N71-15620 *
US-PATENT-CLASS-340-580 ..... c 35 N88-29149 *
US-PATENT-CLASS-340-602 ..... c 33 N80-23559 *
US-PATENT-CLASS-340-604 ..... c 33 N80-23559 *
US-PATENT-CLASS-340-605 ..... c 25 N86-27431 *
US-PATENT-CLASS-340-650 ..... c 33 N79-18193 *
US-PATENT-CLASS-340-664 ..... c 33 N79-18193 *
US-PATENT-CLASS-340-683 ..... c 37 N91-14607 *
US-PATENT-CLASS-340-692 ..... c 76 N90-24168 *
US-PATENT-CLASS-340-705 ..... c 06 N84-27733 *
US-PATENT-CLASS-340-8LF ..... c 71 N79-23753 *
US-PATENT-CLASS-340-8R ..... c 35 N74-16135 *
US-PATENT-CLASS-340-825.21 .. c 60 N84-28492 *
US-PATENT-CLASS-340-825.5 .... c 60 N84-28492 *
US-PATENT-CLASS-340-825.5 .... c 17 N87-16863 *
US-PATENT-CLASS-340-825.5 .... c 62 N91-14772 *
US-PATENT-CLASS-340-825.69 .. c 35 N90-23707 *
US-PATENT-CLASS-340-825.89 .. c 33 N82-29538 *
US-PATENT-CLASS-340-870.13 .. c 35 N84-22934 *
US-PATENT-CLASS-340-870.18 .. c 17 N87-16863 *
US-PATENT-CLASS-340-870.24 .. c 33 N81-14221 *
US-PATENT-CLASS-340-905 ..... c 35 N84-33769 *
US-PATENT-CLASS-340-945 ..... c 06 N87-22678 *
US-PATENT-CLASS-340-967 ..... c 08 N87-20999 *
US-PATENT-CLASS-340-968 ..... c 06 N86-27280 *
US-PATENT-CLASS-340-971 ..... c 06 N84-27733 *
US-PATENT-CLASS-340-971 ..... c 06 N87-22678 *
US-PATENT-CLASS-340-975 ..... c 06 N84-27733 *
US-PATENT-CLASS-340-975 ..... c 06 N87-22678 *
US-PATENT-CLASS-340-978 ..... c 06 N84-27733 *
US-PATENT-CLASS-340-97 ..... c 21 N73-13643 *
US-PATENT-CLASS-340-980 ..... c 06 N84-27733 *
US-PATENT-CLASS-340-988 ..... c 35 N84-33769 *
US-PATENT-CLASS-342-105 ..... c 32 N90-20280 *
US-PATENT-CLASS-342-114 ..... c 32 N90-20280 *
US-PATENT-CLASS-342-125 ..... c 32 N88-26568 *
US-PATENT-CLASS-342-127 ..... c 32 N88-26568 *
US-PATENT-CLASS-342-165 ..... c 32 N89-28672 *
US-PATENT-CLASS-342-191 ..... c 43 N91-32546 *
US-PATENT-CLASS-342-195 ..... c 33 N89-14384 *
US-PATENT-CLASS-342-195 ..... c 32 N90-20280 *
US-PATENT-CLASS-342-1 ..... c 32 N89-28672 *
US-PATENT-CLASS-342-25 ..... c 43 N91-14642 *
US-PATENT-CLASS-342-25 ..... c 43 N91-32546 *
US-PATENT-CLASS-342-26 ..... c 43 N91-21621 *
US-PATENT-CLASS-342-26 ..... c 43 N91-32546 *
US-PATENT-CLASS-342-352 ..... c 04 N91-14321 *
US-PATENT-CLASS-342-357 ..... c 04 N91-14321 *
US-PATENT-CLASS-342-357 ..... c 43 N91-21621 *
US-PATENT-CLASS-342-374 ..... c 32 N89-11961 *
US-PATENT-CLASS-342-375 ..... c 32 N89-11961 *

US-PATENT-CLASS-342-418 ..... c 04 N91-14321 *
US-PATENT-CLASS-342-43 ..... c 32 N88-26568 *
US-PATENT-CLASS-342-51 ..... c 32 N88-26568 *
US-PATENT-CLASS-342-52 ..... c 43 N91-21621 *
US-PATENT-CLASS-342-54 ..... c 09 N91-14356 *
US-PATENT-CLASS-342-5 ..... c 32 N89-28672 *
US-PATENT-CLASS-343-DIG.2 .... c 07 N73-24176 *
US-PATENT-CLASS-343-DIG.2 .... c 33 N74-20860 *
US-PATENT-CLASS-343-DIG.2 .... c 37 N86-25791 *
US-PATENT-CLASS-343-DIG.2 .... c 32 N89-25363 *
US-PATENT-CLASS-343-DIG.3 .... c 09 N72-12136 *
US-PATENT-CLASS-343-DIG2 ..... c 07 N83-20944 *
US-PATENT-CLASS-343-100AP .. c 33 N83-36355 *
US-PATENT-CLASS-343-100CL .. c 32 N77-32342 *
US-PATENT-CLASS-343-100CL .. c 32 N79-14268 *
US-PATENT-CLASS-343-100CL .. c 32 N81-29308 *
US-PATENT-CLASS-343-100CL .. c 32 N83-18975 *
US-PATENT-CLASS-343-100CL .. c 32 N83-19968 *
US-PATENT-CLASS-343-100ME . c 14 N72-28437 *
US-PATENT-CLASS-343-100ME . c 14 N73-26432 *
US-PATENT-CLASS-343-100ME . c 46 N80-14603 *
US-PATENT-CLASS-343-100ME . c 35 N80-18359 *
US-PATENT-CLASS-343-100ME . c 46 N82-12685 *
US-PATENT-CLASS-343-100ME . c 06 N83-10040 *
US-PATENT-CLASS-343-100PE .. c 32 N75-24982 *
US-PATENT-CLASS-343-100PE .. c 33 N81-26358 *
US-PATENT-CLASS-343-100PE .. c 46 N82-12685 *
US-PATENT-CLASS-343-100PE .. c 35 N82-15381 *
US-PATENT-CLASS-343-100R .... c 10 N73-16206 *
US-PATENT-CLASS-343-100R .... c 33 N80-18287 *
US-PATENT-CLASS-343-100SA .. c 10 N73-16206 *
US-PATENT-CLASS-343-100SA .. c 33 N74-20860 *
US-PATENT-CLASS-343-100SA .. c 17 N76-21250 *
US-PATENT-CLASS-343-100SA .. c 32 N80-28578 *
US-PATENT-CLASS-343-100ST .. c 07 N72-21118 *
US-PATENT-CLASS-343-100ST .. c 33 N74-20860 *
US-PATENT-CLASS-343-100ST .. c 32 N75-15854 *
US-PATENT-CLASS-343-100ST .. c 17 N76-21250 *
US-PATENT-CLASS-343-100ST .. c 32 N77-20289 *
US-PATENT-CLASS-343-100ST .. c 33 N80-18287 *
US-PATENT-CLASS-343-100TD .. c 32 N79-24210 *
US-PATENT-CLASS-343-100TD .. c 32 N81-14185 *
US-PATENT-CLASS-343-100 ..... c 10 N71-18722 *
US-PATENT-CLASS-343-100 ..... c 07 N71-19854 *
US-PATENT-CLASS-343-100 ..... c 30 N71-23723 *
US-PATENT-CLASS-343-100 ..... c 07 N71-24621 *
US-PATENT-CLASS-343-100 ..... c 09 N71-24804 *
US-PATENT-CLASS-343-100 ..... c 31 N71-24813 *
US-PATENT-CLASS-343-100 ..... c 07 N71-27056 *
US-PATENT-CLASS-343-100 ..... c 07 N71-28900 *
US-PATENT-CLASS-343-105R .... c 32 N75-26194 *
US-PATENT-CLASS-343-105R .... c 04 N84-27713 *
US-PATENT-CLASS-343-108R .... c 04 N74-13420 *
US-PATENT-CLASS-343-10 ..... c 32 N77-32342 *
US-PATENT-CLASS-343-11R ..... c 09 N73-12211 *
US-PATENT-CLASS-343-11VB .... c 09 N73-12211 *
US-PATENT-CLASS-343-112CA .. c 21 N73-13643 *
US-PATENT-CLASS-343-112CA .. c 21 N73-30641 *
US-PATENT-CLASS-343-112CA .. c 03 N75-30132 *
US-PATENT-CLASS-343-112D .... c 14 N72-28437 *
US-PATENT-CLASS-343-112D .... c 32 N75-26194 *
US-PATENT-CLASS-343-112D .... c 46 N80-14603 *
US-PATENT-CLASS-343-112R .... c 09 N73-32110 *
US-PATENT-CLASS-343-112R .... c 17 N78-17140 *
US-PATENT-CLASS-343-112R .... c 04 N80-32359 *
US-PATENT-CLASS-343-112R .... c 32 N81-27341 *
US-PATENT-CLASS-343-112TC .. c 17 N76-21250 *
US-PATENT-CLASS-343-112 ..... c 21 N71-13958 *
US-PATENT-CLASS-343-112 ..... c 02 N71-19287 *
US-PATENT-CLASS-343-112 ..... c 21 N71-24948 *
US-PATENT-CLASS-343-113R .... c 09 N73-32110 *
US-PATENT-CLASS-343-113R .... c 44 N78-28594 *
US-PATENT-CLASS-343-113 ..... c 10 N71-21473 *
US-PATENT-CLASS-343-113 ..... c 07 N71-24625 *
US-PATENT-CLASS-343-117R .... c 32 N79-13214 *
US-PATENT-CLASS-343-117 ..... c 07 N71-27056 *
US-PATENT-CLASS-343-118 ..... c 32 N79-13214 *
US-PATENT-CLASS-343-119 ..... c 44 N78-28594 *
US-PATENT-CLASS-343-12R ..... c 08 N72-25209 *
US-PATENT-CLASS-343-12 ..... c 21 N70-41930 *
US-PATENT-CLASS-343-12 ..... c 10 N72-20224 *
US-PATENT-CLASS-343-13-R ..... c 74 N85-34629 *
US-PATENT-CLASS-343-13 ..... c 09 N71-18598 *
US-PATENT-CLASS-343-14 ..... c 07 N70-41680 *
US-PATENT-CLASS-343-14 ..... c 08 N72-25209 *
US-PATENT-CLASS-343-14 ..... c 14 N73-25461 *
US-PATENT-CLASS-343-14 ..... c 32 N79-14267 *
US-PATENT-CLASS-343-14 ..... c 31 N79-28370 *
US-PATENT-CLASS-343-16M ..... c 10 N72-22235 *
US-PATENT-CLASS-343-16M ..... c 44 N78-28594 *
US-PATENT-CLASS-343-16 ..... c 09 N71-20864 *
US-PATENT-CLASS-343-16 ..... c 10 N71-21483 *
US-PATENT-CLASS-343-17.1PF . c 32 N82-23376 *
US-PATENT-CLASS-343-17.2-PC c 32 N85-34327 *
US-PATENT-CLASS-343-17.2PC . c 35 N79-10391 *
US-PATENT-CLASS-343-17.2 ..... c 07 N70-36911 *
US-PATENT-CLASS-343-17.5 ..... c 14 N73-25461 *
US-PATENT-CLASS-343-17.5 ..... c 32 N75-15854 *
US-PATENT-CLASS-343-17.5 ..... c 32 N84-22820 *
US-PATENT-CLASS-343-17.7 ..... c 07 N71-12391 *
US-PATENT-CLASS-343-17.7 ..... c 44 N74-19870 *
US-PATENT-CLASS-343-17.7 ..... c 32 N77-31350 *
US-PATENT-CLASS-343-17.7 ..... c 32 N79-11265 *
US-PATENT-CLASS-343-17.7 ..... c 32 N84-27951 *
US-PATENT-CLASS-343-17.7 ..... c 33 N85-21493 *
US-PATENT-CLASS-343-176 ..... c 07 N71-27056 *
US-PATENT-CLASS-343-176 ..... c 32 N76-14321 *
US-PATENT-CLASS-343-179 ..... c 07 N72-11149 *
US-PATENT-CLASS-343-179 ..... c 07 N73-20174 *
US-PATENT-CLASS-343-179 ..... c 32 N78-15323 *
US-PATENT-CLASS-343-179 ..... c 32 N79-20296 *
US-PATENT-CLASS-343-18A ..... c 32 N80-14281 *
US-PATENT-CLASS-343-18B ..... c 32 N74-12912 *
US-PATENT-CLASS-343-18B ..... c 32 N77-21267 *
US-PATENT-CLASS-343-18B ..... c 43 N80-18498 *
US-PATENT-CLASS-343-18D ..... c 43 N80-18498 *
US-PATENT-CLASS-343-18 ..... c 31 N70-37981 *
US-PATENT-CLASS-343-18 ..... c 07 N70-40063 *
US-PATENT-CLASS-343-18 ..... c 30 N70-40309 *
US-PATENT-CLASS-343-18 ..... c 07 N70-41678 *
US-PATENT-CLASS-343-200 ..... c 07 N73-16121 *
US-PATENT-CLASS-343-204 ..... c 07 N73-26118 *
US-PATENT-CLASS-343-225 ..... c 17 N78-17140 *
US-PATENT-CLASS-343-352 ..... c 43 N85-21723 *
US-PATENT-CLASS-343-352 ..... c 46 N85-21846 *
US-PATENT-CLASS-343-356 ..... c 04 N84-22546 *
US-PATENT-CLASS-343-357 ..... c 04 N84-22546 *
US-PATENT-CLASS-343-357 ..... c 04 N86-27270 *
US-PATENT-CLASS-343-376 ..... c 33 N85-21493 *
US-PATENT-CLASS-343-418 ..... c 04 N86-27270 *
US-PATENT-CLASS-343-460 ..... c 46 N85-21846 *
US-PATENT-CLASS-343-5-CD ..... c 43 N86-19711 *
US-PATENT-CLASS-343-5-CM .... c 32 N84-34651 *
US-PATENT-CLASS-343-5-CM .... c 32 N85-34327 *
US-PATENT-CLASS-343-5-CM .... c 43 N86-19711 *
US-PATENT-CLASS-343-5-DP .... c 32 N84-34651 *
US-PATENT-CLASS-343-5-FT .... c 32 N84-34651 *
US-PATENT-CLASS-343-5-VQ .... c 43 N86-19711 *
US-PATENT-CLASS-343-5-W ..... c 32 N85-34327 *
US-PATENT-CLASS-343-5CM ..... c 07 N72-21118 *
US-PATENT-CLASS-343-5CM ..... c 32 N77-21267 *
US-PATENT-CLASS-343-5CM ..... c 32 N77-32342 *
US-PATENT-CLASS-343-5CM ..... c 35 N79-10391 *
US-PATENT-CLASS-343-5CM ..... c 32 N79-14268 *
US-PATENT-CLASS-343-5CM ..... c 43 N80-18498 *
US-PATENT-CLASS-343-5CM ..... c 32 N82-12297 *
US-PATENT-CLASS-343-5CM ..... c 32 N83-18975 *
US-PATENT-CLASS-343-5CM ..... c 32 N83-19968 *
US-PATENT-CLASS-343-5CM ..... c 32 N83-31918 *
US-PATENT-CLASS-343-5DP ..... c 07 N72-11149 *
US-PATENT-CLASS-343-5DP ..... c 09 N73-12211 *
US-PATENT-CLASS-343-5DP ..... c 32 N77-32342 *
US-PATENT-CLASS-343-5DP ..... c 32 N82-23376 *
US-PATENT-CLASS-343-5GC ..... c 32 N75-24982 *
US-PATENT-CLASS-343-5MM ..... c 32 N77-21267 *
US-PATENT-CLASS-343-5NA ..... c 31 N79-28370 *
US-PATENT-CLASS-343-5W ..... c 35 N79-10391 *
US-PATENT-CLASS-343-5W ..... c 43 N80-18498 *
US-PATENT-CLASS-343-5W ..... c 46 N85-21846 *
US-PATENT-CLASS-343-6.8R .... c 32 N77-20289 *
US-PATENT-CLASS-343-6.5R .... c 07 N72-12080 *
US-PATENT-CLASS-343-6.5R .... c 07 N72-21118 *
US-PATENT-CLASS-343-6.5R .... c 07 N72-25171 *
US-PATENT-CLASS-343-6.5R .... c 08 N72-25209 *
US-PATENT-CLASS-343-6.5R .... c 07 N73-25161 *
US-PATENT-CLASS-343-6.5R .... c 21 N73-30641 *
US-PATENT-CLASS-343-6.5R .... c 32 N74-12912 *
US-PATENT-CLASS-343-6.5R .... c 32 N75-15854 *
US-PATENT-CLASS-343-6.5R .... c 03 N75-30132 *
US-PATENT-CLASS-343-6.5R .... c 32 N77-20289 *
US-PATENT-CLASS-343-6.5SS ... c 32 N74-12912 *
US-PATENT-CLASS-343-6.5 ..... c 21 N71-11766 *
US-PATENT-CLASS-343-6.5 ..... c 10 N71-23099 *
US-PATENT-CLASS-343-6.8-R .... c 04 N86-19304 *
US-PATENT-CLASS-343-6.8R .... c 07 N72-12080 *
US-PATENT-CLASS-343-6.8R .... c 07 N73-25161 *
US-PATENT-CLASS-343-6.8R .... c 14 N73-25461 *
US-PATENT-CLASS-343-6R ..... c 32 N79-10264 *
US-PATENT-CLASS-343-6 ..... c 30 N71-16090 *
US-PATENT-CLASS-343-7.4 ..... c 10 N72-22235 *
US-PATENT-CLASS-343-7.4 ..... c 32 N79-13214 *
US-PATENT-CLASS-343-7.5 ..... c 07 N69-39974 * #
US-PATENT-CLASS-343-7.5 ..... c 09 N71-24595 *
US-PATENT-CLASS-343-7.5 ..... c 07 N72-11149 *
US-PATENT-CLASS-343-7.5 ..... c 44 N74-19870 *
US-PATENT-CLASS-343-7.5 ..... c 32 N82-23376 *
US-PATENT-CLASS-343-700MS . c 32 N78-24391 *
US-PATENT-CLASS-343-700MS . c 32 N80-32604 *
US-PATENT-CLASS-343-700MS . c 32 N82-11336 *
US-PATENT-CLASS-343-703 ..... c 09 N71-13521 *
US-PATENT-CLASS-343-703 ..... c 07 N71-24614 *
US-PATENT-CLASS-343-705 ..... c 07 N70-38200 *
US-PATENT-CLASS-343-705 ..... c 07 N70-40202 *
US-PATENT-CLASS-343-705 ..... c 31 N71-10747 *
US-PATENT-CLASS-343-705 ..... c 03 N76-32140 *
US-PATENT-CLASS-343-706 ..... c 07 N72-21117 *
US-PATENT-CLASS-343-708 ..... c 09 N71-22888 *
US-PATENT-CLASS-343-708 ..... c 07 N71-22984 *
US-PATENT-CLASS-343-708 ..... c 07 N71-28980 *
US-PATENT-CLASS-343-708 ..... c 09 N72-25247 *
US-PATENT-CLASS-343-708 ..... c 32 N74-20864 *
US-PATENT-CLASS-343-708 ..... c 32 N82-11336 *
US-PATENT-CLASS-343-718 ..... c 09 N71-18720 *
US-PATENT-CLASS-343-720 ..... c 09 N72-12136 *
US-PATENT-CLASS-343-725 ..... c 07 N73-28013 *
US-PATENT-CLASS-343-727 ..... c 32 N81-14187 *
US-PATENT-CLASS-343-727 ..... c 32 N82-11336 *
US-PATENT-CLASS-343-729 ..... c 07 N73-28013 *
US-PATENT-CLASS-343-730 ..... c 32 N74-20863 *
US-PATENT-CLASS-343-754 ..... c 09 N73-19234 *
US-PATENT-CLASS-343-755 ..... c 33 N76-27472 *
US-PATENT-CLASS-343-755 ..... c 32 N81-25278 *
US-PATENT-CLASS-343-761 ..... c 33 N75-19516 *
US-PATENT-CLASS-343-761 ..... c 32 N76-21365 *
US-PATENT-CLASS-343-762 ..... c 07 N72-25174 *
US-PATENT-CLASS-343-766 ..... c 35 N92-33010 *
US-PATENT-CLASS-343-768 ..... c 10 N71-26142 *
US-PATENT-CLASS-343-769 ..... c 32 N74-20864 *
US-PATENT-CLASS-343-770 ..... c 09 N72-31235 *
US-PATENT-CLASS-343-770 ..... c 33 N76-14372 *
US-PATENT-CLASS-343-771 ..... c 07 N71-28809 *
US-PATENT-CLASS-343-771 ..... c 07 N72-11148 *
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US-PATENT-CLASS-343-772 ..... c 07 N72-20141 *
US-PATENT-CLASS-343-772 ..... c 32 N81-25278 *
US-PATENT-CLASS-343-773 ..... c 07 N72-20141 *
US-PATENT-CLASS-343-776 ..... c 07 N71-12396 *
US-PATENT-CLASS-343-777 ..... c 07 N71-27233 *
US-PATENT-CLASS-343-777 ..... c 07 N72-25174 *
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US-PATENT-CLASS-343-779 ..... c 07 N71-11285 *
US-PATENT-CLASS-343-779 ..... c 10 N72-22235 *
US-PATENT-CLASS-343-779 ..... c 07 N72-25174 *
US-PATENT-CLASS-343-779 ..... c 32 N76-15329 *
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US-PATENT-CLASS-343-781P .... c 46 N82-12685 *
US-PATENT-CLASS-343-781R .... c 32 N81-25278 *
US-PATENT-CLASS-343-781 ..... c 09 N70-35219 *
US-PATENT-CLASS-343-781 ..... c 09 N70-35382 *
US-PATENT-CLASS-343-781 ..... c 09 N70-35425 *
US-PATENT-CLASS-343-781 ..... c 07 N72-32169 *
US-PATENT-CLASS-343-781 ..... c 32 N74-11000 *
US-PATENT-CLASS-343-781 ..... c 33 N75-19516 *
US-PATENT-CLASS-343-781 ..... c 32 N76-21365 *
US-PATENT-CLASS-343-782 ..... c 07 N73-14130 *
US-PATENT-CLASS-343-782 ..... c 32 N78-31321 *
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US-PATENT-CLASS-343-786 ..... c 07 N71-27233 *
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US-PATENT-CLASS-343-786 ..... c 07 N72-25174 *
US-PATENT-CLASS-343-786 ..... c 09 N72-31235 *
US-PATENT-CLASS-343-786 ..... c 32 N74-20863 *
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US-PATENT-CLASS-343-786 ..... c 32 N76-21365 *
US-PATENT-CLASS-343-786 ..... c 32 N80-23524 *
US-PATENT-CLASS-343-786 ..... c 32 N80-29539 *
US-PATENT-CLASS-343-786 ..... c 32 N81-25278 *
US-PATENT-CLASS-343-789 ..... c 32 N81-14187 *
US-PATENT-CLASS-343-789 ..... c 32 N82-27558 *
US-PATENT-CLASS-343-795 ..... c 32 N82-11336 *
US-PATENT-CLASS-343-797 ..... c 09 N71-24842 *
US-PATENT-CLASS-343-797 ..... c 07 N72-22127 *
US-PATENT-CLASS-343-797 ..... c 09 N72-31235 *
US-PATENT-CLASS-343-797 ..... c 07 N73-28013 *
US-PATENT-CLASS-343-797 ..... c 32 N74-20863 *
US-PATENT-CLASS-343-797 ..... c 33 N76-14372 *
US-PATENT-CLASS-343-797 ..... c 32 N81-14187 *
US-PATENT-CLASS-343-799 ..... c 07 N71-27233 *
US-PATENT-CLASS-343-803 ..... c 07 N73-28013 *
US-PATENT-CLASS-343-823 ..... c 07 N71-28979 *
US-PATENT-CLASS-343-830 ..... c 32 N80-32604 *
US-PATENT-CLASS-343-833 ..... c 31 N70-34135 *
US-PATENT-CLASS-343-837 ..... c 07 N72-32169 *
US-PATENT-CLASS-343-837 ..... c 07 N73-14130 *
US-PATENT-CLASS-343-837 ..... c 33 N75-19516 *
US-PATENT-CLASS-343-837 ..... c 32 N76-15329 *
US-PATENT-CLASS-343-837 ..... c 32 N76-18295 *
US-PATENT-CLASS-343-837 ..... c 32 N78-31321 *

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US-PATENT-CLASS-343-840 ..... c 07 N71-27233 *
US-PATENT-CLASS-343-840 ..... c 09 N72-12136 *
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US-PATENT-CLASS-343-846 ..... c 32 N82-11336 *
US-PATENT-CLASS-343-853 ..... c 07 N72-11148 *
US-PATENT-CLASS-343-853 ..... c 07 N72-22127 *
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US-PATENT-CLASS-343-873 ..... c 07 N71-19493 *
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US-PATENT-CLASS-343-876 ..... c 32 N76-15329 *
US-PATENT-CLASS-343-876 ..... c 32 N85-29118 *
US-PATENT-CLASS-343-880 ..... c 07 N73-26117 *
US-PATENT-CLASS-343-880 ..... c 18 N80-14183 *
US-PATENT-CLASS-343-880 ..... c 32 N89-25363 *
US-PATENT-CLASS-343-881 ..... c 37 N86-25789 *
US-PATENT-CLASS-343-882 ..... c 33 N76-32457 *
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US-PATENT-CLASS-343-889 ..... c 07 N73-26117 *
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US-PATENT-CLASS-343-9R ..... c 32 N84-22820 *
US-PATENT-CLASS-343-909 ..... c 32 N74-11000 *
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US-PATENT-CLASS-343-912 ..... c 07 N72-21117 *
US-PATENT-CLASS-343-912 ..... c 07 N72-22127 *
US-PATENT-CLASS-343-912 ..... c 32 N76-18295 *
US-PATENT-CLASS-343-915 ..... c 31 N71-16102 *
US-PATENT-CLASS-343-915 ..... c 09 N71-20658 *
US-PATENT-CLASS-343-915 ..... c 07 N72-32169 *
US-PATENT-CLASS-343-915 ..... c 07 N73-14130 *
US-PATENT-CLASS-343-915 ..... c 07 N73-24176 *
US-PATENT-CLASS-343-915 ..... c 32 N76-18295 *
US-PATENT-CLASS-343-915 ..... c 33 N76-32457 *
US-PATENT-CLASS-343-915 ..... c 32 N89-25363 *
US-PATENT-CLASS-343-9 ..... c 32 N75-15854 *
US-PATENT-CLASS-343-9 ..... c 32 N79-10264 *
US-PATENT-CLASS-346-107A .... c 14 N72-18411 *
US-PATENT-CLASS-346-107 ..... c 23 N71-23976 *
US-PATENT-CLASS-346-108 ..... c 35 N74-15831 *
US-PATENT-CLASS-346-110 ..... c 14 N73-32322 *
US-PATENT-CLASS-346-138 ..... c 21 N73-13644 *
US-PATENT-CLASS-346-138 ..... c 35 N74-15831 *
US-PATENT-CLASS-346-1 ..... c 12 N71-20815 *
US-PATENT-CLASS-346-1 ..... c 09 N72-21246 *
US-PATENT-CLASS-346-23 ..... c 14 N72-18411 *
US-PATENT-CLASS-346-24 ..... c 35 N74-15831 *
US-PATENT-CLASS-346-29 ..... c 09 N72-21246 *
US-PATENT-CLASS-346-33R ..... c 35 N74-32877 *
US-PATENT-CLASS-346-44 ..... c 09 N69-21467 * #
US-PATENT-CLASS-346-50 ..... c 14 N71-21006 *
US-PATENT-CLASS-346-74MD ... c 21 N73-13644 *
US-PATENT-CLASS-346-74MT .... c 35 N79-16246 *
US-PATENT-CLASS-346R ..... c 73 N77-18891 *
US-PATENT-CLASS-349 ..... c 25 N79-28253 *
US-PATENT-CLASS-35-10.2 ..... c 14 N71-15621 *
US-PATENT-CLASS-35-12C ..... c 14 N73-27377 *
US-PATENT-CLASS-35-12C ..... c 09 N75-15662 *
US-PATENT-CLASS-35-12C ..... c 74 N79-13855 *
US-PATENT-CLASS-35-12E ..... c 09 N74-30597 *
US-PATENT-CLASS-35-12E ..... c 09 N79-31228 *
US-PATENT-CLASS-35-12H ..... c 09 N79-31228 *
US-PATENT-CLASS-35-12N ..... c 09 N76-24280 *
US-PATENT-CLASS-35-12N ..... c 09 N78-18083 *
US-PATENT-CLASS-35-12N ..... c 74 N79-13855 *
US-PATENT-CLASS-35-12 ..... c 11 N70-34815 *
US-PATENT-CLASS-35-12 ..... c 31 N70-34966 *
US-PATENT-CLASS-35-12 ..... c 11 N71-10746 *
US-PATENT-CLASS-35-12 ..... c 11 N71-10748 *
US-PATENT-CLASS-35-12 ..... c 11 N71-10776 *
US-PATENT-CLASS-35-12 ..... c 11 N71-18773 *
US-PATENT-CLASS-35-12 ..... c 11 N71-19494 *
US-PATENT-CLASS-35-12 ..... c 11 N71-21474 *
US-PATENT-CLASS-35-12 ..... c 18 N76-14186 *
US-PATENT-CLASS-35-17 ..... c 05 N71-24606 *
US-PATENT-CLASS-35-19 ..... c 10 N71-27365 *
US-PATENT-CLASS-35-22R ..... c 05 N73-13114 *
US-PATENT-CLASS-35-29 ..... c 11 N71-16028 *
US-PATENT-CLASS-35-29 ..... c 05 N71-28619 *
US-PATENT-CLASS-35-35A ..... c 71 N74-21014 *
US-PATENT-CLASS-35-45 ..... c 14 N70-35394 *
US-PATENT-CLASS-35-49 ..... c 12 N69-39988 * #
US-PATENT-CLASS-35-8 ..... c 05 N72-16015 *
US-PATENT-CLASS-350-100 ..... c 36 N77-25501 *
US-PATENT-CLASS-350-102 ..... c 23 N71-29123 *
US-PATENT-CLASS-350-102 ..... c 36 N77-25501 *
US-PATENT-CLASS-350-102 ..... c 18 N91-27200 *
US-PATENT-CLASS-350-107 ..... c 18 N91-27200 *
US-PATENT-CLASS-350-138 ..... c 23 N72-27728 *
US-PATENT-CLASS-350-145 ..... c 74 N77-20882 *
US-PATENT-CLASS-350-147 ..... c 14 N72-27409 *
US-PATENT-CLASS-350-150 ..... c 26 N72-25680 *
US-PATENT-CLASS-350-150 ..... c 36 N76-18427 *
US-PATENT-CLASS-350-151 ..... c 36 N74-13205 *
US-PATENT-CLASS-350-151 ..... c 35 N78-29421 *
US-PATENT-CLASS-350-157 ..... c 74 N79-14891 *
US-PATENT-CLASS-350-159 ..... c 74 N78-17865 *
US-PATENT-CLASS-350-160R .... c 14 N72-25410 *
US-PATENT-CLASS-350-160R .... c 26 N72-25680 *
US-PATENT-CLASS-350-160 ..... c 36 N76-18427 *
US-PATENT-CLASS-350-161 ..... c 26 N72-27784 *
US-PATENT-CLASS-350-161 ..... c 36 N75-31427 *
US-PATENT-CLASS-350-162.13 .. c 74 N89-14078 *
US-PATENT-CLASS-350-162.13 .. c 74 N91-25840 *
US-PATENT-CLASS-350-162R .... c 74 N80-21140 *
US-PATENT-CLASS-350-162SF .. c 23 N73-30666 *
US-PATENT-CLASS-350-162SF .. c 74 N76-31998 *
US-PATENT-CLASS-350-162SF .. c 74 N77-28932 *
US-PATENT-CLASS-350-162SF .. c 36 N77-32478 *
US-PATENT-CLASS-350-162 ..... c 14 N72-17323 *
US-PATENT-CLASS-350-163 ..... c 36 N88-14350 *
US-PATENT-CLASS-350-165 ..... c 27 N78-31233 *
US-PATENT-CLASS-350-166 ..... c 44 N83-34448 *
US-PATENT-CLASS-350-168 ..... c 74 N85-23396 *
US-PATENT-CLASS-350-16 ..... c 14 N72-22444 *
US-PATENT-CLASS-350-170 ..... c 73 N78-32848 *
US-PATENT-CLASS-350-170 ..... c 74 N83-10900 *
US-PATENT-CLASS-350-171 ..... c 23 N72-23695 *
US-PATENT-CLASS-350-171 ..... c 74 N83-17305 *
US-PATENT-CLASS-350-172 ..... c 74 N84-23248 *
US-PATENT-CLASS-350-173 ..... c 73 N78-32848 *
US-PATENT-CLASS-350-173 ..... c 74 N83-36898 *
US-PATENT-CLASS-350-173 ..... c 74 N84-23248 *
US-PATENT-CLASS-350-174 ..... c 74 N77-20882 *
US-PATENT-CLASS-350-174 ..... c 73 N78-32848 *
US-PATENT-CLASS-350-174 ..... c 36 N88-14350 *
US-PATENT-CLASS-350-175E ..... c 74 N80-27185 *
US-PATENT-CLASS-350-175FS .. c 14 N72-25414 *
US-PATENT-CLASS-350-175NG . c 27 N78-31233 *
US-PATENT-CLASS-350-189 ..... c 23 N71-24857 *
US-PATENT-CLASS-350-199 ..... c 14 N73-30393 *
US-PATENT-CLASS-350-19 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-1 ..... c 23 N69-24332 * #
US-PATENT-CLASS-350-1 ..... c 07 N71-29065 *
US-PATENT-CLASS-350-1 ..... c 16 N72-12440 *
US-PATENT-CLASS-350-1 ..... c 24 N76-24363 *
US-PATENT-CLASS-350-1 ..... c 74 N78-15879 *
US-PATENT-CLASS-350-202 ..... c 23 N73-20741 *
US-PATENT-CLASS-350-202 ..... c 74 N77-28932 *
US-PATENT-CLASS-350-203 ..... c 14 N72-25409 *
US-PATENT-CLASS-350-204 ..... c 14 N73-30393 *
US-PATENT-CLASS-350-204 ..... c 74 N78-17866 *
US-PATENT-CLASS-350-211 ..... c 44 N76-14602 *
US-PATENT-CLASS-350-213 ..... c 14 N71-15622 *
US-PATENT-CLASS-350-226 ..... c 74 N80-27185 *
US-PATENT-CLASS-350-236 ..... c 74 N74-15095 *
US-PATENT-CLASS-350-23 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-253 ..... c 35 N77-27366 *
US-PATENT-CLASS-350-25 ..... c 74 N80-21138 *
US-PATENT-CLASS-350-269 ..... c 33 N74-20861 *
US-PATENT-CLASS-350-26 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-270 ..... c 70 N74-21300 *
US-PATENT-CLASS-350-275 ..... c 09 N71-19479 *
US-PATENT-CLASS-350-276-R ... c 74 N86-20125 *
US-PATENT-CLASS-350-276R .... c 74 N86-28732 *
US-PATENT-CLASS-350-285 ..... c 14 N71-15605 *
US-PATENT-CLASS-350-285 ..... c 14 N71-17662 *
US-PATENT-CLASS-350-285 ..... c 19 N71-26674 *
US-PATENT-CLASS-350-285 ..... c 15 N72-11386 *
US-PATENT-CLASS-350-285 ..... c 16 N73-33397 *
US-PATENT-CLASS-350-285 ..... c 74 N74-15095 *
US-PATENT-CLASS-350-285 ..... c 74 N80-21138 *
US-PATENT-CLASS-350-286 ..... c 07 N71-29065 *
US-PATENT-CLASS-350-286 ..... c 73 N78-32848 *
US-PATENT-CLASS-350-286 ..... c 74 N83-10900 *
US-PATENT-CLASS-350-287 ..... c 15 N72-11386 *
US-PATENT-CLASS-350-287 ..... c 74 N83-13978 *
US-PATENT-CLASS-350-287 ..... c 35 N91-14590 *
US-PATENT-CLASS-350-288 ..... c 23 N71-29123 *
US-PATENT-CLASS-350-288 ..... c 12 N76-15189 *
US-PATENT-CLASS-350-288 ..... c 74 N77-28933 *
US-PATENT-CLASS-350-288 ..... c 44 N79-11471 *
US-PATENT-CLASS-350-288 ..... c 44 N79-24433 *
US-PATENT-CLASS-350-292 ..... c 35 N75-12273 *
US-PATENT-CLASS-350-292 ..... c 44 N79-14529 *
US-PATENT-CLASS-350-292 ..... c 44 N79-24432 *
US-PATENT-CLASS-350-293 ..... c 16 N73-16536 *
US-PATENT-CLASS-350-293 ..... c 12 N76-15189 *
US-PATENT-CLASS-350-293 ..... c 44 N76-24696 *
US-PATENT-CLASS-350-293 ..... c 44 N78-10554 *
US-PATENT-CLASS-350-293 ..... c 44 N79-14529 *
US-PATENT-CLASS-350-294 ..... c 89 N79-10969 *
US-PATENT-CLASS-350-294 ..... c 44 N79-24432 *
US-PATENT-CLASS-350-294 ..... c 32 N80-24510 *
US-PATENT-CLASS-350-295 ..... c 44 N77-32583 *
US-PATENT-CLASS-350-295 ..... c 44 N80-14473 *
US-PATENT-CLASS-350-296 ..... c 44 N79-24432 *
US-PATENT-CLASS-350-296 ..... c 44 N80-14473 *
US-PATENT-CLASS-350-299 ..... c 74 N74-21304 *
US-PATENT-CLASS-350-299 ..... c 44 N76-24696 *
US-PATENT-CLASS-350-299 ..... c 74 N77-28932 *
US-PATENT-CLASS-350-299 ..... c 44 N78-10554 *
US-PATENT-CLASS-350-299 ..... c 44 N78-31526 *
US-PATENT-CLASS-350-299 ..... c 44 N79-11471 *
US-PATENT-CLASS-350-299 ..... c 44 N79-24433 *
US-PATENT-CLASS-350-299 ..... c 36 N84-14509 *
US-PATENT-CLASS-350-2 ..... c 23 N71-30027 *
US-PATENT-CLASS-350-3.5 ..... c 16 N71-15551 *
US-PATENT-CLASS-350-3.5 ..... c 16 N71-15565 *
US-PATENT-CLASS-350-3.5 ..... c 16 N71-15567 *
US-PATENT-CLASS-350-3.5 ..... c 16 N71-26154 *
US-PATENT-CLASS-350-3.5 ..... c 16 N71-29131 *
US-PATENT-CLASS-350-3.5 ..... c 14 N72-17324 *
US-PATENT-CLASS-350-3.5 ..... c 16 N73-30476 *
US-PATENT-CLASS-350-3.5 ..... c 35 N74-15146 *
US-PATENT-CLASS-350-3.5 ..... c 35 N74-17153 *
US-PATENT-CLASS-350-3.5 ..... c 35 N74-26946 *
US-PATENT-CLASS-350-3.5 ..... c 35 N75-25124 *
US-PATENT-CLASS-350-3.5 ..... c 35 N75-27328 *
US-PATENT-CLASS-350-3.5 ..... c 35 N76-18402 *
US-PATENT-CLASS-350-3.5 ..... c 35 N78-17357 *
US-PATENT-CLASS-350-3.5 ..... c 38 N78-32447 *
US-PATENT-CLASS-350-3.64 ..... c 35 N91-13694 *
US-PATENT-CLASS-350-3.68 ..... c 74 N91-25840 *
US-PATENT-CLASS-350-3.73 ..... c 36 N87-23960 *
US-PATENT-CLASS-350-3.81 ..... c 36 N87-23960 *
US-PATENT-CLASS-350-301 ..... c 74 N81-17886 *
US-PATENT-CLASS-350-310 ..... c 11 N69-24321 * #
US-PATENT-CLASS-350-310 ..... c 23 N71-24868 *
US-PATENT-CLASS-350-310 ..... c 23 N71-29123 *
US-PATENT-CLASS-350-310 ..... c 23 N71-33229 *
US-PATENT-CLASS-350-310 ..... c 23 N72-22673 *
US-PATENT-CLASS-350-310 ..... c 74 N77-28933 *
US-PATENT-CLASS-350-311 ..... c 74 N75-25706 *
US-PATENT-CLASS-350-312 ..... c 16 N72-12440 *
US-PATENT-CLASS-350-312 ..... c 74 N85-29750 *
US-PATENT-CLASS-350-315 ..... c 74 N86-29650 * #
US-PATENT-CLASS-350-316 ..... c 27 N83-36220 *
US-PATENT-CLASS-350-318 ..... c 74 N86-29650 * #
US-PATENT-CLASS-350-319 ..... c 74 N85-29750 *
US-PATENT-CLASS-350-319 ..... c 74 N86-20125 *
US-PATENT-CLASS-350-319 ..... c 09 N87-14355 *
US-PATENT-CLASS-350-320 ..... c 74 N77-28933 *
US-PATENT-CLASS-350-320 ..... c 44 N77-32583 *
US-PATENT-CLASS-350-320 ..... c 73 N78-32848 *
US-PATENT-CLASS-350-320 ..... c 44 N79-14529 *
US-PATENT-CLASS-350-320 ..... c 74 N85-29749 *
US-PATENT-CLASS-350-320 ..... c 35 N91-13694 *
US-PATENT-CLASS-350-321 ..... c 74 N85-29750 *
US-PATENT-CLASS-350-331-R ... c 74 N89-14078 *
US-PATENT-CLASS-350-335 ..... c 74 N86-21348 *
US-PATENT-CLASS-350-337 ..... c 74 N89-14078 *
US-PATENT-CLASS-350-342 ..... c 76 N85-33826 *
US-PATENT-CLASS-350-342 ..... c 74 N89-14078 *
US-PATENT-CLASS-350-353 ..... c 74 N83-19597 *
US-PATENT-CLASS-350-353 ..... c 74 N91-26918 *
US-PATENT-CLASS-350-354 ..... c 32 N86-20647 *
US-PATENT-CLASS-350-354 ..... c 74 N89-14077 *
US-PATENT-CLASS-350-354 ..... c 35 N91-13694 *
US-PATENT-CLASS-350-354 ..... c 74 N91-26918 *
US-PATENT-CLASS-350-356 ..... c 74 N90-22383 *
US-PATENT-CLASS-350-358 ..... c 36 N82-29589 *
US-PATENT-CLASS-350-358 ..... c 74 N91-26918 *
US-PATENT-CLASS-350-359 ..... c 36 N80-16321 *
US-PATENT-CLASS-350-35 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-36 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-370 ..... c 35 N81-33448 *
US-PATENT-CLASS-350-443 ..... c 74 N84-23248 *
US-PATENT-CLASS-350-445 ..... c 74 N83-36898 *

US-PATENT-CLASS-350-448 ..... c 74 N86-20125 *
US-PATENT-CLASS-350-453 ..... c 36 N82-32712 *
US-PATENT-CLASS-350-486 ..... c 74 N83-13978 *
US-PATENT-CLASS-350-49 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-500 ..... c 35 N91-14590 *
US-PATENT-CLASS-350-505 ..... c 74 N85-23396 *
US-PATENT-CLASS-350-505 ..... c 74 N86-28732 *
US-PATENT-CLASS-350-529 ..... c 37 N91-21545 *
US-PATENT-CLASS-350-52 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-52 ..... c 14 N72-22444 *
US-PATENT-CLASS-350-537 ..... c 74 N86-20125 *
US-PATENT-CLASS-350-55 ..... c 23 N71-33229 *
US-PATENT-CLASS-350-55 ..... c 14 N73-30393 *
US-PATENT-CLASS-350-55 ..... c 23 N73-30666 *
US-PATENT-CLASS-350-55 ..... c 89 N79-10969 *
US-PATENT-CLASS-350-55 ..... c 74 N80-33210 *
US-PATENT-CLASS-350-572 ..... c 36 N88-14350 *
US-PATENT-CLASS-350-573 ..... c 36 N88-14350 *
US-PATENT-CLASS-350-576 ..... c 35 N91-14591 *
US-PATENT-CLASS-350-580 ..... c 74 N86-20125 *
US-PATENT-CLASS-350-58 ..... c 14 N71-15604 *
US-PATENT-CLASS-350-6.5 ..... c 32 N80-24510 *
US-PATENT-CLASS-350-6.5 ..... c 74 N87-21679 *
US-PATENT-CLASS-350-6.6 ..... c 32 N80-24510 *
US-PATENT-CLASS-350-619 ..... c 74 N85-23396 *
US-PATENT-CLASS-350-6 ..... c 14 N69-27461 * #
US-PATENT-CLASS-350-6 ..... c 36 N74-15145 *
US-PATENT-CLASS-350-79 ..... c 14 N72-32452 *
US-PATENT-CLASS-350-7 ..... c 74 N74-15095 *
US-PATENT-CLASS-350-86 ..... c 14 N72-22445 *
US-PATENT-CLASS-350-96.10 .... c 74 N84-11921 *
US-PATENT-CLASS-350-96.15 .... c 74 N84-11921 *
US-PATENT-CLASS-350-96.15 .... c 74 N85-29749 *
US-PATENT-CLASS-350-96.16 .... c 74 N83-29032 *
US-PATENT-CLASS-350-96.21 .... c 74 N89-25689 *
US-PATENT-CLASS-350-96.25 .... c 33 N81-29342 *
US-PATENT-CLASS-350-96.25 .... c 74 N89-25689 *
US-PATENT-CLASS-350-96.29 .... c 74 N91-21871 *
US-PATENT-CLASS-350-96R ..... c 60 N77-14751 *
US-PATENT-CLASS-350-96R ..... c 60 N77-32731 *
US-PATENT-CLASS-350-96R ..... c 60 N78-10709 *
US-PATENT-CLASS-350-96WG ... c 36 N75-31427 *
US-PATENT-CLASS-350-96WG ... c 36 N76-18428 *
US-PATENT-CLASS-350-96WG ... c 36 N76-24553 *
US-PATENT-CLASS-350-96 ..... c 07 N71-26291 *
US-PATENT-CLASS-350-97 ..... c 18 N91-27200 *
US-PATENT-CLASS-351-166 ..... c 74 N78-32854 *
US-PATENT-CLASS-351-203 ..... c 52 N89-16256 *
US-PATENT-CLASS-351-206 ..... c 52 N87-24874 *
US-PATENT-CLASS-351-206 ..... c 52 N92-28755 *
US-PATENT-CLASS-351-208 ..... c 52 N87-24874 *
US-PATENT-CLASS-351-221 ..... c 52 N92-28755 *
US-PATENT-CLASS-351-237 ..... c 52 N89-16256 *
US-PATENT-CLASS-351-23 ..... c 05 N73-26072 *
US-PATENT-CLASS-351-23 ..... c 52 N76-30793 *
US-PATENT-CLASS-351-30 ..... c 05 N73-26072 *
US-PATENT-CLASS-351-30 ..... c 52 N76-30793 *
US-PATENT-CLASS-351-36 ..... c 05 N73-26072 *
US-PATENT-CLASS-351-36 ..... c 52 N76-30793 *
US-PATENT-CLASS-351-38 ..... c 54 N75-27759 *
US-PATENT-CLASS-352-169 ..... c 14 N73-14427 *
US-PATENT-CLASS-352-171 ..... c 35 N82-26628 *
US-PATENT-CLASS-352-84 ..... c 16 N71-33410 *
US-PATENT-CLASS-352-84 ..... c 14 N72-18411 *
US-PATENT-CLASS-353-54 ..... c 34 N74-23066 *
US-PATENT-CLASS-353-61 ..... c 34 N74-23066 *
US-PATENT-CLASS-354-118 ..... c 74 N81-17886 *
US-PATENT-CLASS-354-217 ..... c 35 N82-26628 *
US-PATENT-CLASS-354-234 ..... c 33 N74-20861 *
US-PATENT-CLASS-354-234 ..... c 70 N74-21300 *
US-PATENT-CLASS-354-289 ..... c 35 N82-26628 *
US-PATENT-CLASS-354-479 ..... c 74 N86-28732 *
US-PATENT-CLASS-354-62 ..... c 52 N87-24874 *
US-PATENT-CLASS-354-77 ..... c 74 N79-20856 *
US-PATENT-CLASS-355-18 ..... c 14 N73-33361 *
US-PATENT-CLASS-356-103 ..... c 14 N71-28994 *
US-PATENT-CLASS-356-103 ..... c 36 N75-15028 *
US-PATENT-CLASS-356-103 ..... c 74 N78-13874 *
US-PATENT-CLASS-356-104 ..... c 16 N71-24074 *
US-PATENT-CLASS-356-104 ..... c 74 N78-13874 *
US-PATENT-CLASS-356-106LR .. c 36 N75-19653 *
US-PATENT-CLASS-356-106R .... c 72 N74-19310 *
US-PATENT-CLASS-356-106R .... c 36 N76-14447 *
US-PATENT-CLASS-356-106R .... c 35 N77-10493 *
US-PATENT-CLASS-356-106R .... c 47 N77-10753 *
US-PATENT-CLASS-356-106S .... c 23 N73-13661 *
US-PATENT-CLASS-356-106S .... c 35 N76-31490 *
US-PATENT-CLASS-356-106S .... c 35 N78-18391 *
US-PATENT-CLASS-356-1065 .... c 35 N74-23040 *
US-PATENT-CLASS-356-106 ..... c 14 N71-17627 *
US-PATENT-CLASS-356-106 ..... c 14 N71-17655 *
US-PATENT-CLASS-356-106 ..... c 14 N71-27215 *
US-PATENT-CLASS-356-106 ..... c 14 N73-12446 *
US-PATENT-CLASS-356-106 ..... c 35 N74-15146 *
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US-PATENT-CLASS-356-108 ..... c 26 N73-26751 *
US-PATENT-CLASS-356-108 ..... c 16 N73-30476 *
US-PATENT-CLASS-356-109 ..... c 16 N73-30476 *
US-PATENT-CLASS-356-110 ..... c 14 N73-25463 *
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US-PATENT-CLASS-356-112 ..... c 72 N74-19310 *
US-PATENT-CLASS-356-113 ..... c 14 N72-17323 *
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US-PATENT-CLASS-356-114 ..... c 14 N73-12446 *
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US-PATENT-CLASS-356-117 ..... c 23 N71-16101 *
US-PATENT-CLASS-356-120 ..... c 74 N78-27904 *
US-PATENT-CLASS-356-123 ..... c 74 N76-19935 *
US-PATENT-CLASS-356-124 ..... c 74 N76-19935 *
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US-PATENT-CLASS-356-128 ..... c 76 N87-25862 *
US-PATENT-CLASS-356-129 ..... c 74 N79-20856 *
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US-PATENT-CLASS-356-138 ..... c 14 N72-20379 *
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US-PATENT-CLASS-356-141 ..... c 74 N77-22951 *
US-PATENT-CLASS-356-141 ..... c 09 N91-14356 *
US-PATENT-CLASS-356-141 ..... c 35 N91-15512 *
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US-PATENT-CLASS-356-148 ..... c 16 N73-33397 *
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US-PATENT-CLASS-356-152 ..... c 15 N71-28740 *
US-PATENT-CLASS-356-152 ..... c 16 N72-13437 *
US-PATENT-CLASS-356-152 ..... c 14 N72-20379 *
US-PATENT-CLASS-356-152 ..... c 14 N72-27409 *
US-PATENT-CLASS-356-152 ..... c 14 N73-25462 *
US-PATENT-CLASS-356-152 ..... c 36 N74-15145 *
US-PATENT-CLASS-356-152 ..... c 36 N74-21091 *
US-PATENT-CLASS-356-152 ..... c 74 N74-21304 *
US-PATENT-CLASS-356-152 ..... c 74 N77-22951 *
US-PATENT-CLASS-356-152 ..... c 74 N80-21138 *
US-PATENT-CLASS-356-152 ..... c 37 N81-27519 *
US-PATENT-CLASS-356-152 ..... c 09 N91-14356 *
US-PATENT-CLASS-356-152 ..... c 35 N91-15512 *
US-PATENT-CLASS-356-153 ..... c 15 N71-28740 *
US-PATENT-CLASS-356-153 ..... c 23 N71-29125 *
US-PATENT-CLASS-356-153 ..... c 16 N73-33397 *
US-PATENT-CLASS-356-153 ..... c 18 N76-14186 *
US-PATENT-CLASS-356-154 ..... c 15 N71-26673 *
US-PATENT-CLASS-356-159 ..... c 36 N78-14380 *
US-PATENT-CLASS-356-160 ..... c 36 N78-14380 *
US-PATENT-CLASS-356-161 ..... c 26 N73-26751 *
US-PATENT-CLASS-356-162 ..... c 66 N76-19888 *
US-PATENT-CLASS-356-165 ..... c 38 N78-17396 *
US-PATENT-CLASS-356-166 ..... c 14 N71-23175 *
US-PATENT-CLASS-356-167 ..... c 14 N72-11364 *
US-PATENT-CLASS-356-167 ..... c 66 N76-19888 *
US-PATENT-CLASS-356-167 ..... c 74 N78-27904 *
US-PATENT-CLASS-356-169 ..... c 60 N78-10709 *
US-PATENT-CLASS-356-171 ..... c 74 N77-22950 *
US-PATENT-CLASS-356-172 ..... c 16 N73-33397 *
US-PATENT-CLASS-356-172 ..... c 36 N74-21091 *
US-PATENT-CLASS-356-172 ..... c 74 N77-22951 *
US-PATENT-CLASS-356-17 ..... c 14 N72-21409 *
US-PATENT-CLASS-356-180 ..... c 35 N74-27860 *
US-PATENT-CLASS-356-186 ..... c 35 N75-19613 *
US-PATENT-CLASS-356-188 ..... c 35 N84-33766 *
US-PATENT-CLASS-356-189 ..... c 35 N75-19613 *
US-PATENT-CLASS-356-189 ..... c 35 N84-33766 *
US-PATENT-CLASS-356-18 ..... c 14 N72-21409 *
US-PATENT-CLASS-356-197 ..... c 37 N74-18123 *
US-PATENT-CLASS-356-199 ..... c 36 N78-14380 *
US-PATENT-CLASS-356-1 ..... c 36 N83-34304 *
US-PATENT-CLASS-356-1 ..... c 36 N88-24958 *
US-PATENT-CLASS-356-1 ..... c 09 N91-14356 *
US-PATENT-CLASS-356-201 ..... c 75 N74-30156 *
US-PATENT-CLASS-356-201 ..... c 35 N77-14411 *
US-PATENT-CLASS-356-202 ..... c 26 N73-26751 *
US-PATENT-CLASS-356-203 ..... c 14 N71-26788 *
US-PATENT-CLASS-356-204 ..... c 35 N77-14411 *
US-PATENT-CLASS-356-204 ..... c 74 N78-17867 *
US-PATENT-CLASS-356-207 ..... c 45 N76-17656 *
US-PATENT-CLASS-356-208 ..... c 74 N78-33913 *
US-PATENT-CLASS-356-209 ..... c 23 N71-16341 *
US-PATENT-CLASS-356-209 ..... c 14 N71-28993 *
US-PATENT-CLASS-356-209 ..... c 14 N72-17323 *
US-PATENT-CLASS-356-209 ..... c 35 N76-31490 *
US-PATENT-CLASS-356-210 ..... c 74 N79-11865 *
US-PATENT-CLASS-356-212 ..... c 35 N77-31465 *
US-PATENT-CLASS-356-213 ..... c 39 N81-25400 *
US-PATENT-CLASS-356-216 ..... c 74 N74-15095 *
US-PATENT-CLASS-356-216 ..... c 35 N80-18359 *
US-PATENT-CLASS-356-216 ..... c 39 N81-25400 *
US-PATENT-CLASS-356-216 ..... c 35 N84-22931 *
US-PATENT-CLASS-356-222 ..... c 03 N72-20033 *
US-PATENT-CLASS-356-222 ..... c 47 N83-32232 *
US-PATENT-CLASS-356-234 ..... c 39 N81-25400 *
US-PATENT-CLASS-356-234 ..... c 35 N84-22931 *
US-PATENT-CLASS-356-236 ..... c 74 N77-21941 *
US-PATENT-CLASS-356-236 ..... c 74 N86-26190 *
US-PATENT-CLASS-356-237 ..... c 74 N77-10899 *
US-PATENT-CLASS-356-237 ..... c 38 N78-17395 *
US-PATENT-CLASS-356-237 ..... c 38 N78-17396 *
US-PATENT-CLASS-356-237 ..... c 35 N79-28527 *
US-PATENT-CLASS-356-239 ..... c 74 N77-10899 *
US-PATENT-CLASS-356-241 ..... c 14 N72-32452 *
US-PATENT-CLASS-356-243 ..... c 36 N80-16321 *
US-PATENT-CLASS-356-244 ..... c 14 N72-17323 *
US-PATENT-CLASS-356-244 ..... c 35 N76-31490 *
US-PATENT-CLASS-356-244 ..... c 35 N80-28687 *
US-PATENT-CLASS-356-244 ..... c 74 N86-26190 *
US-PATENT-CLASS-356-246 ..... c 35 N74-27860 *
US-PATENT-CLASS-356-246 ..... c 74 N78-17867 *
US-PATENT-CLASS-356-246 ..... c 74 N87-14971 *
US-PATENT-CLASS-356-248 ..... c 14 N72-22444 *
US-PATENT-CLASS-356-256 ..... c 36 N87-28006 *
US-PATENT-CLASS-356-28.5 ..... c 32 N80-24510 *
US-PATENT-CLASS-356-28.5 ..... c 36 N81-24422 *
US-PATENT-CLASS-356-28.5 ..... c 36 N82-32712 *
US-PATENT-CLASS-356-28.5 ..... c 35 N86-32697 *
US-PATENT-CLASS-356-28.5 ..... c 35 N87-14669 *
US-PATENT-CLASS-356-28.5 ..... c 36 N87-17026 *
US-PATENT-CLASS-356-28.5 ..... c 36 N88-14350 *
US-PATENT-CLASS-356-28.5 ..... c 33 N89-14384 *
US-PATENT-CLASS-356-28.5 ..... c 33 N89-14385 *
US-PATENT-CLASS-356-28.5 ..... c 36 N90-25340 *
US-PATENT-CLASS-356-28 ..... c 21 N71-19212 *
US-PATENT-CLASS-356-28 ..... c 16 N71-24828 *
US-PATENT-CLASS-356-28 ..... c 72 N74-19310 *
US-PATENT-CLASS-356-28 ..... c 36 N75-15028 *
US-PATENT-CLASS-356-28 ..... c 35 N75-16783 *
US-PATENT-CLASS-356-28 ..... c 36 N76-14447 *
US-PATENT-CLASS-356-28 ..... c 36 N77-25501 *
US-PATENT-CLASS-356-28 ..... c 74 N78-17866 *
US-PATENT-CLASS-356-28 ..... c 35 N79-18296 *
US-PATENT-CLASS-356-28 ..... c 36 N80-16321 *
US-PATENT-CLASS-356-28 ..... c 36 N87-17026 *
US-PATENT-CLASS-356-28 ..... c 36 N90-25340 *
US-PATENT-CLASS-356-28 ..... c 02 N92-34172 *
US-PATENT-CLASS-356-300 ..... c 43 N79-17288 *
US-PATENT-CLASS-356-301 ..... c 35 N87-14669 *
US-PATENT-CLASS-356-311 ..... c 35 N86-25753 *
US-PATENT-CLASS-356-318 ..... c 35 N86-25753 *
US-PATENT-CLASS-356-318 ..... c 02 N92-34172 *
US-PATENT-CLASS-356-323 ..... c 74 N85-23396 *
US-PATENT-CLASS-356-328 ..... c 35 N80-26635 *
US-PATENT-CLASS-356-32 ..... c 14 N72-11364 *
US-PATENT-CLASS-356-32 ..... c 32 N73-20740 *
US-PATENT-CLASS-356-32 ..... c 39 N81-25400 *
US-PATENT-CLASS-356-330 ..... c 74 N85-23396 *
US-PATENT-CLASS-356-331 ..... c 74 N85-23396 *
US-PATENT-CLASS-356-334 ..... c 74 N80-21140 *
US-PATENT-CLASS-356-345 ..... c 74 N81-17888 *
US-PATENT-CLASS-356-345 ..... c 74 N81-29963 *
US-PATENT-CLASS-356-345 ..... c 36 N84-14509 *
US-PATENT-CLASS-356-345 ..... c 74 N86-21348 *
US-PATENT-CLASS-356-345 ..... c 74 N91-21871 *
US-PATENT-CLASS-356-346 ..... c 35 N80-20563 *
US-PATENT-CLASS-356-346 ..... c 74 N81-29963 *
US-PATENT-CLASS-356-347 ..... c 35 N84-22929 *
US-PATENT-CLASS-356-347 ..... c 35 N89-26202 *
US-PATENT-CLASS-356-349 ..... c 36 N82-16396 *
US-PATENT-CLASS-356-350 ..... c 35 N81-33448 *
US-PATENT-CLASS-356-350 ..... c 74 N87-23259 *
US-PATENT-CLASS-356-351 ..... c 35 N81-33448 *
US-PATENT-CLASS-356-351 ..... c 35 N85-30282 *
US-PATENT-CLASS-356-351 ..... c 74 N92-22034 *
US-PATENT-CLASS-356-352 ..... c 74 N81-17888 *
US-PATENT-CLASS-356-353 ..... c 74 N83-32577 *
US-PATENT-CLASS-356-356 ..... c 36 N81-24422 *
US-PATENT-CLASS-356-357 ..... c 74 N83-21949 *
US-PATENT-CLASS-356-358 ..... c 74 N81-17888 *
US-PATENT-CLASS-356-358 ..... c 36 N81-24422 *
US-PATENT-CLASS-356-358 ..... c 35 N85-30282 *
US-PATENT-CLASS-356-360 ..... c 74 N92-22034 *
US-PATENT-CLASS-356-361 ..... c 35 N89-26202 *
US-PATENT-CLASS-356-363 ..... c 74 N83-32577 *
US-PATENT-CLASS-356-363 ..... c 74 N92-22034 *
US-PATENT-CLASS-356-369 ..... c 35 N80-28687 *
US-PATENT-CLASS-356-36 ..... c 23 N71-16365 *
US-PATENT-CLASS-356-370 ..... c 74 N92-29117 *
US-PATENT-CLASS-356-375 ..... c 74 N91-32922 *
US-PATENT-CLASS-356-376 ..... c 36 N88-24958 *
US-PATENT-CLASS-356-37 ..... c 45 N76-21742 *
US-PATENT-CLASS-356-386 ..... c 36 N82-16396 *
US-PATENT-CLASS-356-389 ..... c 33 N87-14594 *
US-PATENT-CLASS-356-394 ..... c 33 N83-18996 *
US-PATENT-CLASS-356-399 ..... c 74 N91-32922 *
US-PATENT-CLASS-356-4.5 ..... c 74 N86-21348 *
US-PATENT-CLASS-356-4.5 ..... c 74 N86-32266 *
US-PATENT-CLASS-356-402 ..... c 74 N86-29650 * #
US-PATENT-CLASS-356-404 ..... c 35 N79-28527 *
US-PATENT-CLASS-356-406 ..... c 52 N81-27783 *

US-PATENT-CLASS-356-407 ..... c 43 N79-17288 *
US-PATENT-CLASS-356-407 ..... c 52 N81-27783 *
US-PATENT-CLASS-356-409 ..... c 36 N87-28006 *
US-PATENT-CLASS-356-414 ..... c 74 N92-29117 *
US-PATENT-CLASS-356-416 ..... c 43 N79-17288 *
US-PATENT-CLASS-356-416 ..... c 52 N81-27783 *
US-PATENT-CLASS-356-419 ..... c 74 N86-29650 * #
US-PATENT-CLASS-356-432 ..... c 74 N81-17887 *
US-PATENT-CLASS-356-432 ..... c 25 N81-25159 *
US-PATENT-CLASS-356-432 ..... c 38 N92-29154 *
US-PATENT-CLASS-356-434 ..... c 35 N84-34705 *
US-PATENT-CLASS-356-437 ..... c 25 N81-14015 *
US-PATENT-CLASS-356-43 ..... c 74 N74-15095 *
US-PATENT-CLASS-356-43 ..... c 75 N74-30156 *
US-PATENT-CLASS-356-43 ..... c 36 N85-21639 *
US-PATENT-CLASS-356-43 ..... c 36 N90-17132 *
US-PATENT-CLASS-356-446 ..... c 74 N86-26190 *
US-PATENT-CLASS-356-45 ..... c 36 N85-21639 *
US-PATENT-CLASS-356-4 ..... c 14 N72-17326 *
US-PATENT-CLASS-356-4 ..... c 07 N73-26119 *
US-PATENT-CLASS-356-4 ..... c 36 N74-15145 *
US-PATENT-CLASS-356-4 ..... c 35 N75-15014 *
US-PATENT-CLASS-356-4 ..... c 36 N83-34304 *
US-PATENT-CLASS-356-4 ..... c 36 N88-24958 *
US-PATENT-CLASS-356-51 ..... c 06 N72-31141 *
US-PATENT-CLASS-356-51 ..... c 35 N75-30502 *
US-PATENT-CLASS-356-51 ..... c 35 N83-21311 *
US-PATENT-CLASS-356-51 ..... c 35 N84-34705 *
US-PATENT-CLASS-356-51 ..... c 36 N87-28006 *
US-PATENT-CLASS-356-5 ..... c 07 N73-26119 *
US-PATENT-CLASS-356-5 ..... c 36 N74-15145 *
US-PATENT-CLASS-356-5 ..... c 36 N75-15028 *
US-PATENT-CLASS-356-5 ..... c 32 N82-23376 *
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US-PATENT-CLASS-356-5 ..... c 35 N91-15512 *
US-PATENT-CLASS-356-5 ..... c 74 N91-27957 *
US-PATENT-CLASS-356-71 ..... c 66 N76-19888 *
US-PATENT-CLASS-356-72 ..... c 14 N71-23268 *
US-PATENT-CLASS-356-72 ..... c 33 N73-27796 *
US-PATENT-CLASS-356-72 ..... c 38 N78-32447 *
US-PATENT-CLASS-356-72 ..... c 74 N80-33210 *
US-PATENT-CLASS-356-72 ..... c 35 N86-32697 *
US-PATENT-CLASS-356-73.1 ..... c 76 N90-24150 *
US-PATENT-CLASS-356-73 ..... c 75 N74-30156 *
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US-PATENT-CLASS-356-74 ..... c 30 N71-15990 *
US-PATENT-CLASS-356-74 ..... c 35 N84-33766 *
US-PATENT-CLASS-356-76 ..... c 23 N71-26206 *
US-PATENT-CLASS-356-76 ..... c 14 N71-29041 *
US-PATENT-CLASS-356-83 ..... c 35 N75-19613 *
US-PATENT-CLASS-356-85 ..... c 37 N74-18123 *
US-PATENT-CLASS-356-85 ..... c 75 N74-30156 *
US-PATENT-CLASS-356-87 ..... c 75 N74-30156 *
US-PATENT-CLASS-356-96 ..... c 35 N75-19613 *
US-PATENT-CLASS-356-97 ..... c 35 N77-14411 *
US-PATENT-CLASS-357-12 ..... c 33 N85-21492 *
US-PATENT-CLASS-357-13 ..... c 35 N90-17118 *
US-PATENT-CLASS-357-15 ..... c 44 N78-13526 *
US-PATENT-CLASS-357-15 ..... c 44 N79-11467 *
US-PATENT-CLASS-357-15 ..... c 44 N81-29525 *
US-PATENT-CLASS-357-15 ..... c 76 N86-20150 *
US-PATENT-CLASS-357-15 ..... c 33 N91-14551 *
US-PATENT-CLASS-357-15 ..... c 33 N91-21434 *
US-PATENT-CLASS-357-15 ..... c 33 N92-16197 *
US-PATENT-CLASS-357-16 ..... c 44 N78-13526 *
US-PATENT-CLASS-357-16 ..... c 44 N79-11467 *
US-PATENT-CLASS-357-16 ..... c 74 N91-25841 *
US-PATENT-CLASS-357-17 ..... c 36 N85-30305 *
US-PATENT-CLASS-357-17 ..... c 74 N91-25841 *
US-PATENT-CLASS-357-22 ..... c 33 N79-11314 *
US-PATENT-CLASS-357-22 ..... c 33 N79-12321 *
US-PATENT-CLASS-357-22 ..... c 33 N90-20282 *
US-PATENT-CLASS-357-23.12 .... c 76 N87-13313 *
US-PATENT-CLASS-357-23.1 ..... c 76 N87-13313 *
US-PATENT-CLASS-357-23.6 ..... c 33 N86-19516 *
US-PATENT-CLASS-357-231 ..... c 33 N88-14271 *
US-PATENT-CLASS-357-23 ..... c 76 N75-25730 *
US-PATENT-CLASS-357-23 ..... c 33 N79-12321 *
US-PATENT-CLASS-357-23 ..... c 33 N81-26360 *
US-PATENT-CLASS-357-24 ..... c 33 N75-31331 *
US-PATENT-CLASS-357-24 ..... c 33 N88-14271 *
US-PATENT-CLASS-357-27 ..... c 35 N91-14588 *
US-PATENT-CLASS-357-28 ..... c 35 N92-33614 *
US-PATENT-CLASS-357-29 ..... c 76 N75-25730 *
US-PATENT-CLASS-357-29 ..... c 35 N84-33765 *
US-PATENT-CLASS-357-29 ..... c 76 N87-13313 *
US-PATENT-CLASS-357-29 ..... c 35 N90-21358 *
US-PATENT-CLASS-357-29 ..... c 33 N91-14551 *
US-PATENT-CLASS-357-29 ..... c 33 N92-16196 *
US-PATENT-CLASS-357-30 ..... c 44 N76-28635 *
US-PATENT-CLASS-357-30 ..... c 44 N78-13526 *
US-PATENT-CLASS-357-30 ..... c 44 N78-24609 *
US-PATENT-CLASS-357-30 ..... c 44 N78-25527 *
US-PATENT-CLASS-357-30 ..... c 44 N79-11467 *
US-PATENT-CLASS-357-30 ..... c 44 N79-14528 *
US-PATENT-CLASS-357-30 ..... c 44 N79-31752 *
US-PATENT-CLASS-357-30 ..... c 44 N80-29835 *
US-PATENT-CLASS-357-30 ..... c 44 N81-19558 *
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US-PATENT-CLASS-357-30 ..... c 44 N82-26777 *
US-PATENT-CLASS-357-30 ..... c 44 N82-29709 *
US-PATENT-CLASS-357-30 ..... c 44 N82-31764 *
US-PATENT-CLASS-357-30 ..... c 44 N83-13579 *
US-PATENT-CLASS-357-30 ..... c 44 N83-32177 *
US-PATENT-CLASS-357-30 ..... c 35 N84-33765 *
US-PATENT-CLASS-357-30 ..... c 33 N85-21492 *
US-PATENT-CLASS-357-30 ..... c 44 N85-21768 *
US-PATENT-CLASS-357-30 ..... c 44 N85-30475 *
US-PATENT-CLASS-357-30 ..... c 33 N86-19516 *
US-PATENT-CLASS-357-30 ..... c 76 N86-20150 *
US-PATENT-CLASS-357-30 ..... c 44 N86-32875 *
US-PATENT-CLASS-357-30 ..... c 76 N87-13313 *
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US-PATENT-CLASS-357-30 ..... c 35 N90-17118 *
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US-PATENT-CLASS-357-32 ..... c 35 N84-33765 *
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US-PATENT-CLASS-357-35 ..... c 33 N87-23879 *
US-PATENT-CLASS-357-40 ..... c 36 N85-30305 *
US-PATENT-CLASS-357-41 ..... c 33 N79-12321 *
US-PATENT-CLASS-357-42 ..... c 76 N75-25730 *
US-PATENT-CLASS-357-45 ..... c 33 N79-12321 *
US-PATENT-CLASS-357-45 ..... c 44 N79-26475 *
US-PATENT-CLASS-357-46 ..... c 36 N85-30305 *
US-PATENT-CLASS-357-46 ..... c 74 N91-25841 *
US-PATENT-CLASS-357-47 ..... c 33 N92-16197 *
US-PATENT-CLASS-357-4 ..... c 33 N78-13320 *
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US-PATENT-CLASS-357-50 ..... c 76 N85-30922 *
US-PATENT-CLASS-357-52 ..... c 76 N75-25730 *
US-PATENT-CLASS-357-52 ..... c 44 N80-29835 *
US-PATENT-CLASS-357-52 ..... c 76 N87-13313 *
US-PATENT-CLASS-357-54 ..... c 76 N75-25730 *
US-PATENT-CLASS-357-55 ..... c 33 N79-12321 *
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US-PATENT-CLASS-357-68 ..... c 33 N92-16197 *
US-PATENT-CLASS-357-69 ..... c 33 N92-16197 *
US-PATENT-CLASS-357-71S ..... c 33 N91-21434 *
US-PATENT-CLASS-357-72 ..... c 33 N88-23941 *
US-PATENT-CLASS-357-73 ..... c 33 N78-13320 *
US-PATENT-CLASS-357-74 ..... c 37 N79-28549 *
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US-PATENT-CLASS-358-105 ..... c 17 N87-25348 *
US-PATENT-CLASS-358-105 ..... c 54 N92-29129 *
US-PATENT-CLASS-358-106 ..... c 39 N78-16387 *
US-PATENT-CLASS-358-107 ..... c 35 N79-18296 *
US-PATENT-CLASS-358-107 ..... c 36 N88-24958 *
US-PATENT-CLASS-358-109 ..... c 32 N79-20297 *
US-PATENT-CLASS-358-109 ..... c 33 N81-33403 *
US-PATENT-CLASS-358-109 ..... c 43 N82-13465 *
US-PATENT-CLASS-358-109 ..... c 36 N83-34304 *
US-PATENT-CLASS-358-109 ..... c 32 N85-29117 *
US-PATENT-CLASS-358-109 ..... c 35 N90-22769 *
US-PATENT-CLASS-358-111 ..... c 52 N79-10724 *
US-PATENT-CLASS-358-113 ..... c 35 N90-22770 *
US-PATENT-CLASS-358-125 ..... c 74 N84-23247 *
US-PATENT-CLASS-358-125 ..... c 74 N86-21348 *
US-PATENT-CLASS-358-12 ..... c 74 N92-33017 *
US-PATENT-CLASS-358-133 ..... c 32 N77-24328 *
US-PATENT-CLASS-358-133 ..... c 32 N85-29117 *
US-PATENT-CLASS-358-133 ..... c 17 N87-25348 *
US-PATENT-CLASS-358-133 ..... c 32 N92-10128 *
US-PATENT-CLASS-358-135 ..... c 32 N92-10128 *
US-PATENT-CLASS-358-138 ..... c 32 N77-24328 *
US-PATENT-CLASS-358-138 ..... c 17 N87-25348 *
US-PATENT-CLASS-358-142 ..... c 74 N78-14889 *
US-PATENT-CLASS-358-160 ..... c 60 N92-16563 *
US-PATENT-CLASS-358-161 ..... c 32 N85-21427 *
US-PATENT-CLASS-358-168 ..... c 32 N86-20647 *
US-PATENT-CLASS-358-174 ..... c 32 N85-21427 *
US-PATENT-CLASS-358-183 ..... c 60 N92-16563 *
US-PATENT-CLASS-358-213 ..... c 33 N81-33403 *
US-PATENT-CLASS-358-213 ..... c 33 N82-24416 *
US-PATENT-CLASS-358-213 ..... c 74 N84-23247 *
US-PATENT-CLASS-358-217 ..... c 32 N85-21427 *
US-PATENT-CLASS-358-219 ..... c 32 N85-21427 *
US-PATENT-CLASS-358-222 ..... c 74 N86-28732 *
US-PATENT-CLASS-358-225 ..... c 74 N78-17865 *
US-PATENT-CLASS-358-22 ..... c 60 N92-16563 *
US-PATENT-CLASS-358-36 ..... c 32 N75-21485 *
US-PATENT-CLASS-358-41 ..... c 74 N78-17865 *
US-PATENT-CLASS-358-44 ..... c 74 N77-18893 *
US-PATENT-CLASS-358-55 ..... c 74 N78-17865 *
US-PATENT-CLASS-358-81 ..... c 32 N79-20297 *
US-PATENT-CLASS-358-88 ..... c 74 N86-21348 *
US-PATENT-CLASS-358-88 ..... c 32 N89-28676 *
US-PATENT-CLASS-358-88 ..... c 74 N92-16809 *
US-PATENT-CLASS-358-91 ..... c 32 N89-28676 *
US-PATENT-CLASS-358-91 ..... c 74 N92-16809 *
US-PATENT-CLASS-358-92 ..... c 32 N89-28676 *
US-PATENT-CLASS-358-92 ..... c 74 N92-16809 *
US-PATENT-CLASS-358-93 ..... c 35 N90-22770 *
US-PATENT-CLASS-358-96 ..... c 52 N79-10724 *
US-PATENT-CLASS-359.849 ..... c 74 N92-29122 *
US-PATENT-CLASS-359-107 ..... c 60 N92-33057 *
US-PATENT-CLASS-359-108 ..... c 60 N92-33057 *
US-PATENT-CLASS-359-11 ..... c 74 N92-16808 *
US-PATENT-CLASS-359-230 ..... c 37 N92-29151 *
US-PATENT-CLASS-359-236 ..... c 37 N92-29151 *
US-PATENT-CLASS-359-240 ..... c 74 N92-16808 *
US-PATENT-CLASS-359-241 ..... c 74 N92-16808 *
US-PATENT-CLASS-359-241 ..... c 74 N92-33028 *
US-PATENT-CLASS-359-246 ..... c 74 N92-29117 *
US-PATENT-CLASS-359-247 ..... c 74 N92-29117 *
US-PATENT-CLASS-359-281 ..... c 74 N92-29117 *
US-PATENT-CLASS-359-362 ..... c 74 N92-16810 *
US-PATENT-CLASS-359-498 ..... c 36 N92-16290 *
US-PATENT-CLASS-359-557 ..... c 74 N92-16811 *
US-PATENT-CLASS-359-559 ..... c 74 N92-33022 *
US-PATENT-CLASS-359-559 ..... c 60 N92-33057 *
US-PATENT-CLASS-359-561 ..... c 74 N92-33022 *
US-PATENT-CLASS-359-561 ..... c 60 N92-33057 *
US-PATENT-CLASS-359-572 ..... c 74 N92-16810 *
US-PATENT-CLASS-359-744 ..... c 74 N92-16810 *
US-PATENT-CLASS-359-7 ..... c 74 N92-33022 *
US-PATENT-CLASS-359-813 ..... c 74 N92-16811 *
US-PATENT-CLASS-359-819 ..... c 74 N92-16811 *
US-PATENT-CLASS-36-119 ..... c 54 N78-17675 *
US-PATENT-CLASS-36-92 ..... c 54 N78-17675 *

US-PATENT-CLASS-360-101 ..... c 35 N76-16391 *
US-PATENT-CLASS-360-10 ..... c 35 N76-16391 *
US-PATENT-CLASS-360-25 ..... c 35 N77-17426 *
US-PATENT-CLASS-360-26 ..... c 33 N76-18353 *
US-PATENT-CLASS-360-31 ..... c 35 N77-17426 *
US-PATENT-CLASS-360-35 ..... c 35 N76-16391 *
US-PATENT-CLASS-360-48 ..... c 60 N92-29132 *
US-PATENT-CLASS-360-51 ..... c 33 N76-18353 *
US-PATENT-CLASS-360-98.01 .... c 60 N92-29132 *
US-PATENT-CLASS-360-9 ..... c 35 N76-16391 *
US-PATENT-CLASS-361-100 ..... c 33 N83-34190 *
US-PATENT-CLASS-361-141 ..... c 33 N82-11357 *
US-PATENT-CLASS-361-148 ..... c 70 N92-29130 *
US-PATENT-CLASS-361-149 ..... c 70 N92-29130 *
US-PATENT-CLASS-361-170 ..... c 33 N79-28415 *
US-PATENT-CLASS-361-218 ..... c 03 N88-14083 *
US-PATENT-CLASS-361-222 ..... c 03 N88-14083 *
US-PATENT-CLASS-361-226 ..... c 28 N82-18401 *
US-PATENT-CLASS-361-230 ..... c 28 N82-18401 *
US-PATENT-CLASS-361-267 ..... c 70 N92-29130 *
US-PATENT-CLASS-361-283 ..... c 33 N82-26572 *
US-PATENT-CLASS-361-334 ..... c 35 N81-26431 *
US-PATENT-CLASS-361-383 ..... c 31 N90-21215 *
US-PATENT-CLASS-361-384 ..... c 31 N90-21215 *
US-PATENT-CLASS-361-385 ..... c 31 N90-21215 *
US-PATENT-CLASS-361-395 ..... c 32 N78-24391 *
US-PATENT-CLASS-361-56 ..... c 33 N81-27397 *
US-PATENT-CLASS-361-65 ..... c 33 N90-20320 *
US-PATENT-CLASS-361-79 ..... c 33 N90-20320 *
US-PATENT-CLASS-361-91 ..... c 33 N81-27397 *
US-PATENT-CLASS-362-11 ..... c 74 N81-17886 *
US-PATENT-CLASS-362-241 ..... c 74 N81-17886 *
US-PATENT-CLASS-362-269 ..... c 17 N78-17140 *
US-PATENT-CLASS-363-100 ..... c 33 N85-29147 *
US-PATENT-CLASS-363-101 ..... c 33 N78-32341 *
US-PATENT-CLASS-363-101 ..... c 33 N81-19392 *
US-PATENT-CLASS-363-132 ..... c 33 N82-18494 *
US-PATENT-CLASS-363-134 ..... c 33 N79-24257 *
US-PATENT-CLASS-363-147 ..... c 44 N81-12542 *
US-PATENT-CLASS-363-16 ..... c 33 N78-32341 *
US-PATENT-CLASS-363-17 ..... c 33 N82-18494 *
US-PATENT-CLASS-363-19 ..... c 33 N85-29147 *
US-PATENT-CLASS-363-21 ..... c 33 N81-19392 *
US-PATENT-CLASS-363-21 ..... c 33 N81-19393 *
US-PATENT-CLASS-363-22 ..... c 33 N84-33663 *
US-PATENT-CLASS-363-23 ..... c 33 N85-29147 *
US-PATENT-CLASS-363-24 ..... c 33 N81-33404 *
US-PATENT-CLASS-363-25 ..... c 33 N84-16453 *
US-PATENT-CLASS-363-27 ..... c 44 N81-12542 *
US-PATENT-CLASS-363-36 ..... c 33 N81-19393 *
US-PATENT-CLASS-363-40 ..... c 33 N81-19393 *
US-PATENT-CLASS-363-47 ..... c 33 N81-19393 *
US-PATENT-CLASS-363-49 ..... c 33 N84-33663 *
US-PATENT-CLASS-363-53 ..... c 33 N77-30365 *
US-PATENT-CLASS-363-54 ..... c 33 N83-34190 *
US-PATENT-CLASS-363-56 ..... c 33 N79-24254 *
US-PATENT-CLASS-363-56 ..... c 33 N81-14220 *
US-PATENT-CLASS-363-56 ..... c 33 N81-33404 *
US-PATENT-CLASS-363-57 ..... c 33 N78-10377 *
US-PATENT-CLASS-363-60 ..... c 33 N78-32341 *
US-PATENT-CLASS-363-60 ..... c 44 N81-12542 *
US-PATENT-CLASS-363-61 ..... c 33 N82-18494 *
US-PATENT-CLASS-363-61 ..... c 33 N85-29147 *
US-PATENT-CLASS-363-65 ..... c 33 N84-16453 *
US-PATENT-CLASS-363-67 ..... c 33 N84-16453 *
US-PATENT-CLASS-363-70 ..... c 33 N77-30365 *
US-PATENT-CLASS-363-71 ..... c 33 N79-24254 *
US-PATENT-CLASS-363-71 ..... c 33 N79-24257 *
US-PATENT-CLASS-363-71 ..... c 33 N81-14220 *
US-PATENT-CLASS-363-71 ..... c 33 N84-16453 *
US-PATENT-CLASS-363-71 ..... c 33 N85-29147 *
US-PATENT-CLASS-363-78 ..... c 33 N81-14220 *
US-PATENT-CLASS-363-87 ..... c 33 N83-10345 *
US-PATENT-CLASS-363-89 ..... c 33 N78-10377 *
US-PATENT-CLASS-363-95 ..... c 33 N79-24257 *
US-PATENT-CLASS-363-97 ..... c 33 N79-24254 *
US-PATENT-CLASS-363-97 ..... c 09 N88-28939 *
US-PATENT-CLASS-364-106 ..... c 07 N81-19115 *
US-PATENT-CLASS-364-120 ..... c 52 N79-12694 *
US-PATENT-CLASS-364-131 ..... c 60 N89-26400 *
US-PATENT-CLASS-364-191 ..... c 63 N92-33019 *
US-PATENT-CLASS-364-200 ..... c 62 N81-24779 *
US-PATENT-CLASS-364-200 ..... c 60 N81-27814 *
US-PATENT-CLASS-364-200 ..... c 60 N83-25378 *
US-PATENT-CLASS-364-200 ..... c 60 N83-32342 *
US-PATENT-CLASS-364-200 ..... c 32 N85-21428 *
US-PATENT-CLASS-364-200 ..... c 60 N85-21992 *
US-PATENT-CLASS-364-200 ..... c 60 N88-29310 *
US-PATENT-CLASS-364-200 ..... c 62 N91-25693 * #
US-PATENT-CLASS-364-228.3 .... c 62 N91-14769 *
US-PATENT-CLASS-364-229.4 .... c 60 N90-21527 *
US-PATENT-CLASS-364-231.9 .... c 62 N91-14769 *
US-PATENT-CLASS-364-267.9 .... c 60 N90-21527 *
US-PATENT-CLASS-364-280 ..... c 62 N91-14769 *
US-PATENT-CLASS-364-281.3 .... c 62 N91-25693 * #
US-PATENT-CLASS-364-281.6 .... c 62 N91-25693 * #
US-PATENT-CLASS-364-281.8 .... c 62 N91-25693 * #
US-PATENT-CLASS-364-281 ..... c 62 N91-14769 *
US-PATENT-CLASS-364-281 ..... c 62 N91-25693 * #
US-PATENT-CLASS-364-300 ..... c 52 N79-12694 *
US-PATENT-CLASS-364-300 ..... c 62 N91-14769 *
US-PATENT-CLASS-364-400 ..... c 33 N85-29142 *
US-PATENT-CLASS-364-402 ..... c 62 N92-15620 * #
US-PATENT-CLASS-364-413 ..... c 39 N83-20280 *
US-PATENT-CLASS-364-415 ..... c 52 N79-12694 *
US-PATENT-CLASS-364-415 ..... c 35 N84-12445 *
US-PATENT-CLASS-364-417 ..... c 52 N79-10724 *
US-PATENT-CLASS-364-424.01 .. c 54 N92-29129 *
US-PATENT-CLASS-364-427 ..... c 09 N90-20096 *
US-PATENT-CLASS-364-427 ..... c 04 N91-31120 *
US-PATENT-CLASS-364-428 ..... c 04 N91-31120 *
US-PATENT-CLASS-364-431 ..... c 07 N81-19115 *
US-PATENT-CLASS-364-433 ..... c 06 N86-27280 *
US-PATENT-CLASS-364-433 ..... c 09 N91-14356 *
US-PATENT-CLASS-364-434 ..... c 08 N79-23097 *
US-PATENT-CLASS-364-434 ..... c 08 N81-24106 *
US-PATENT-CLASS-364-435 ..... c 06 N86-27280 *
US-PATENT-CLASS-364-443 ..... c 47 N92-29148 *
US-PATENT-CLASS-364-452 ..... c 04 N84-27713 *
US-PATENT-CLASS-364-453 ..... c 18 N81-29152 *
US-PATENT-CLASS-364-453 ..... c 33 N85-29142 *
US-PATENT-CLASS-364-458 ..... c 32 N79-14267 *
US-PATENT-CLASS-364-459 ..... c 18 N92-28750 *
US-PATENT-CLASS-364-478 ..... c 37 N91-21544 *
US-PATENT-CLASS-364-481 ..... c 33 N90-19492 *
US-PATENT-CLASS-364-482 ..... c 33 N90-19492 *
US-PATENT-CLASS-364-484 ..... c 33 N89-14385 *
US-PATENT-CLASS-364-487 ..... c 17 N91-14371 *
US-PATENT-CLASS-364-500 ..... c 25 N88-29002 *
US-PATENT-CLASS-364-510 ..... c 34 N81-26402 *
US-PATENT-CLASS-364-513 ..... c 61 N91-14741 *
US-PATENT-CLASS-364-513 ..... c 37 N91-21542 *
US-PATENT-CLASS-364-513 ..... c 37 N91-21544 *
US-PATENT-CLASS-364-513 ..... c 33 N91-31528 *
US-PATENT-CLASS-364-513 ..... c 63 N91-31885 *
US-PATENT-CLASS-364-513 ..... c 62 N91-32852 *
US-PATENT-CLASS-364-514 ..... c 33 N81-33405 *
US-PATENT-CLASS-364-522 ..... c 39 N83-20280 *
US-PATENT-CLASS-364-550 ..... c 17 N91-14371 *
US-PATENT-CLASS-364-556 ..... c 36 N85-29264 *
US-PATENT-CLASS-364-557 ..... c 35 N84-14491 *
US-PATENT-CLASS-364-557 ..... c 25 N88-29002 *
US-PATENT-CLASS-364-558 ..... c 35 N84-14491 *
US-PATENT-CLASS-364-558 ..... c 07 N84-22559 *
US-PATENT-CLASS-364-559 ..... c 39 N83-20280 *
US-PATENT-CLASS-364-560 ..... c 43 N79-26439 *
US-PATENT-CLASS-364-561 ..... c 36 N88-24958 *
US-PATENT-CLASS-364-566 ..... c 18 N81-29152 *
US-PATENT-CLASS-364-571 ..... c 34 N81-26402 *
US-PATENT-CLASS-364-571 ..... c 35 N84-14491 *
US-PATENT-CLASS-364-571 ..... c 33 N85-34333 *
US-PATENT-CLASS-364-571 ..... c 25 N88-29002 *
US-PATENT-CLASS-364-578 ..... c 33 N85-34333 *
US-PATENT-CLASS-364-578 ..... c 35 N90-23713 *
US-PATENT-CLASS-364-578 ..... c 61 N91-14741 *
US-PATENT-CLASS-364-578 ..... c 32 N91-25317 *
US-PATENT-CLASS-364-604 ..... c 32 N79-14267 *
US-PATENT-CLASS-364-713 ..... c 32 N79-20297 *
US-PATENT-CLASS-364-713 ..... c 74 N91-26918 *
US-PATENT-CLASS-364-717 ..... c 32 N82-31583 *
US-PATENT-CLASS-364-717 ..... c 33 N90-23636 *
US-PATENT-CLASS-364-723 ..... c 60 N85-33701 *
US-PATENT-CLASS-364-724.01 .. c 33 N89-28713 *
US-PATENT-CLASS-364-724.05 .. c 33 N89-28713 *
US-PATENT-CLASS-364-728 ..... c 32 N79-14267-*
US-PATENT-CLASS-364-728 ..... c 60 N86-21154 *
US-PATENT-CLASS-364-728 ..... c 60 N88-24169 *
US-PATENT-CLASS-364-735 ..... c 33 N89-28713 *
US-PATENT-CLASS-364-746.1 .... c 33 N90-23636 *
US-PATENT-CLASS-364-754 ..... c 33 N89-28713 *
US-PATENT-CLASS-364-757 ..... c 60 N88-24169 *
US-PATENT-CLASS-364-807 ..... c 62 N91-32852 *
US-PATENT-CLASS-364-807 ..... c 32 N92-22033 *
US-PATENT-CLASS-364-822 ..... c 32 N83-18975 *
US-PATENT-CLASS-364-822 ..... c 74 N86-21348 *
US-PATENT-CLASS-364-822 ..... c 74 N91-26918 *
US-PATENT-CLASS-364-825 ..... c 33 N82-24417 *
US-PATENT-CLASS-364-837 ..... c 74 N91-26918 *
US-PATENT-CLASS-364-841 ..... c 74 N91-26918 *
US-PATENT-CLASS-364-853 ..... c 60 N85-33701 *
US-PATENT-CLASS-364-861 ..... c 32 N83-18975 *
US-PATENT-CLASS-364-900 ..... c 52 N79-12694 *
US-PATENT-CLASS-364-900 ..... c 60 N79-20751 *
US-PATENT-CLASS-364-900 ..... c 60 N81-27814 *
US-PATENT-CLASS-364-900 ..... c 60 N83-32342 *
US-PATENT-CLASS-364-900 ..... c 60 N84-28491 *
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US-PATENT-CLASS-364-900 ..... c 33 N89-14384 *
US-PATENT-CLASS-364-900 ..... c 35 N90-23713 *
US-PATENT-CLASS-364-924.4 .... c 35 N90-23713 *
US-PATENT-CLASS-364-925.1 .... c 35 N90-23713 *
US-PATENT-CLASS-364-933.8 .... c 35 N90-23713 *
US-PATENT-CLASS-364-934 ..... c 35 N90-23713 *
US-PATENT-CLASS-364-940.67 .. c 60 N90-21527 *
US-PATENT-CLASS-364-942.51 .. c 60 N90-21527 *
US-PATENT-CLASS-364-944 ..... c 60 N90-21527 *
US-PATENT-CLASS-364-975.5 .... c 60 N90-21527 *
US-PATENT-CLASS-365-120 ..... c 33 N81-29342 *
US-PATENT-CLASS-365-156 ..... c 60 N91-31810 *
US-PATENT-CLASS-365-200 ..... c 60 N91-31810 *
US-PATENT-CLASS-365-49 ..... c 60 N92-33057 *
US-PATENT-CLASS-365-768 ..... c 32 N86-27513 *
US-PATENT-CLASS-366-106 ..... c 71 N84-28568 *
US-PATENT-CLASS-366-114 ..... c 71 N83-35781 *
US-PATENT-CLASS-367-100 ..... c 32 N82-18443 *
US-PATENT-CLASS-367-102 ..... c 32 N82-18443 *
US-PATENT-CLASS-367-156 ..... c 33 N92-15331 *
US-PATENT-CLASS-367-181 ..... c 33 N82-26572 *
US-PATENT-CLASS-367-189 ..... c 35 N84-22933 *
US-PATENT-CLASS-367-191 ..... c 71 N88-24241 *
US-PATENT-CLASS-367-26 ..... c 39 N80-10507 *
US-PATENT-CLASS-367-27 ..... c 31 N80-32584 *
US-PATENT-CLASS-367-36 ..... c 31 N80-32584 *
US-PATENT-CLASS-367-57 ..... c 31 N80-32584 *
US-PATENT-CLASS-367-88 ..... c 32 N82-18443 *
US-PATENT-CLASS-367-88 ..... c 32 N83-31918 *
US-PATENT-CLASS-367-88 ..... c 43 N86-19711 *
US-PATENT-CLASS-367-908 ..... c 35 N89-14407 *
US-PATENT-CLASS-367-95 ..... c 32 N82-23376 *
US-PATENT-CLASS-367-99 ..... c 32 N87-14559 *
US-PATENT-CLASS-368-184 ..... c 33 N83-36357 *
US-PATENT-CLASS-368-200 ..... c 33 N83-36357 *
US-PATENT-CLASS-368-201 ..... c 33 N83-36357 *
US-PATENT-CLASS-368-47 ..... c 33 N81-14221 *
US-PATENT-CLASS-369-32 ..... c 60 N92-29132 *
US-PATENT-CLASS-369-44.26 .... c 74 N92-29133 *
US-PATENT-CLASS-369-95 ..... c 60 N92-29132 *
US-PATENT-CLASS-37N ..... c 27 N81-15104 *
US-PATENT-CLASS-370-100 ..... c 60 N82-16747 *
US-PATENT-CLASS-370-16 ..... c 62 N90-19776 *
US-PATENT-CLASS-370-58 ..... c 60 N81-27814 *
US-PATENT-CLASS-370-67 ..... c 33 N82-29538 *
US-PATENT-CLASS-370-85.4 ..... c 62 N91-14772 *
US-PATENT-CLASS-370-85.6 ..... c 62 N91-14772 *
US-PATENT-CLASS-370-85.9 ..... c 62 N91-14772 *
US-PATENT-CLASS-370-85 ..... c 33 N81-14221 *
US-PATENT-CLASS-370-94.3 ..... c 62 N91-14772 *
US-PATENT-CLASS-371-041 ..... c 17 N90-21061 *
US-PATENT-CLASS-371-043 ..... c 17 N90-21061 *
US-PATENT-CLASS-371-11.3 ..... c 60 N90-21527 *
US-PATENT-CLASS-371-20 ..... c 33 N81-26359 *
US-PATENT-CLASS-371-25 ..... c 33 N81-26359 *
US-PATENT-CLASS-371-37.1 ..... c 33 N92-33011 *
US-PATENT-CLASS-371-37.4 ..... c 17 N90-21061 *
US-PATENT-CLASS-371-37 ..... c 60 N87-21591 *
US-PATENT-CLASS-371-38.1 ..... c 17 N90-21061 *
US-PATENT-CLASS-371-40.1 ..... c 60 N91-31810 *
US-PATENT-CLASS-371-40 ..... c 60 N87-21591 *
US-PATENT-CLASS-371-43 ..... c 33 N87-25531 *
US-PATENT-CLASS-371-43 ..... c 32 N91-14523 *
US-PATENT-CLASS-371-63 ..... c 17 N87-16863 *
US-PATENT-CLASS-371-68 ..... c 60 N82-29013 *
US-PATENT-CLASS-371-6 ..... c 32 N83-13323 *
US-PATENT-CLASS-371-8 ..... c 62 N90-19776 *
US-PATENT-CLASS-372-100 ..... c 36 N84-14509 *
US-PATENT-CLASS-372-103 ..... c 36 N84-28065 *
US-PATENT-CLASS-372-103 ..... c 36 N87-23960 *
US-PATENT-CLASS-372-105 ..... c 36 N92-16290 *
US-PATENT-CLASS-372-108 ..... c 36 N84-14509 *
US-PATENT-CLASS-372-18 ..... c 36 N87-23960 *
US-PATENT-CLASS-372-19 ..... c 36 N91-17360 * #
US-PATENT-CLASS-372-20 ..... c 36 N84-22943 *
US-PATENT-CLASS-372-20 ..... c 36 N87-25567 *
US-PATENT-CLASS-372-25 ..... c 33 N83-34189 *
US-PATENT-CLASS-372-25 ..... c 36 N92-31788 *
US-PATENT-CLASS-372-28 ..... c 36 N84-22943 *
US-PATENT-CLASS-372-30 ..... c 36 N92-31788 *
US-PATENT-CLASS-372-32 ..... c 36 N84-22943 *
US-PATENT-CLASS-372-32 ..... c 33 N85-34333 *
US-PATENT-CLASS-372-38 ..... c 36 N85-30305 *
US-PATENT-CLASS-372-39 ..... c 36 N91-17360 * #
US-PATENT-CLASS-372-41 ..... c 36 N91-15528 *
US-PATENT-CLASS-372-43 ..... c 36 N87-23960 *
US-PATENT-CLASS-372-46 ..... c 36 N85-30305 *
US-PATENT-CLASS-372-4 ..... c 36 N84-28065 *
US-PATENT-CLASS-372-4 ..... c 36 N87-25567 *
US-PATENT-CLASS-372-50 ..... c 36 N85-30305 *
US-PATENT-CLASS-372-55 ..... c 36 N84-16542 *
US-PATENT-CLASS-372-56 ..... c 36 N82-28616 *
US-PATENT-CLASS-372-56 ..... c 36 N83-10417 *
US-PATENT-CLASS-372-58 ..... c 36 N82-28616 *
US-PATENT-CLASS-372-59 ..... c 36 N83-10417 *
US-PATENT-CLASS-372-59 ..... c 25 N90-20154 *
US-PATENT-CLASS-372-59 ..... c 25 N91-21270 *
US-PATENT-CLASS-372-60 ..... c 36 N83-10417 *
US-PATENT-CLASS-372-61 ..... c 74 N87-14971 *
US-PATENT-CLASS-372-66 ..... c 36 N91-17360 * #
US-PATENT-CLASS-372-68 ..... c 36 N87-23961 *

US-PATENT-CLASS-372-69 ..... c 36 N87-25567 *
US-PATENT-CLASS-372-70 ..... c 36 N91-17360 * #
US-PATENT-CLASS-372-71 ..... c 36 N84-28065 *
US-PATENT-CLASS-372-71 ..... c 36 N91-15528 *
US-PATENT-CLASS-372-74 ..... c 35 N84-12444 *
US-PATENT-CLASS-372-75 ..... c 36 N91-15528 *
US-PATENT-CLASS-372-79 ..... c 36 N84-16542 *
US-PATENT-CLASS-372-79 ..... c 36 N86-29204 *
US-PATENT-CLASS-372-81 ..... c 36 N87-23961 *
US-PATENT-CLASS-372-82 ..... c 36 N82-28616 *
US-PATENT-CLASS-372-93 ..... c 36 N84-14509 *
US-PATENT-CLASS-372-93 ..... c 36 N84-28065 *
US-PATENT-CLASS-372-94 ..... c 36 N84-14509 *
US-PATENT-CLASS-372-95 ..... c 36 N84-28065 *
US-PATENT-CLASS-372-98 ..... c 36 N84-14509 *
US-PATENT-CLASS-372-99 ..... c 36 N87-25567 *
US-PATENT-CLASS-373-10 ..... c 35 N87-23944 *
US-PATENT-CLASS-373-15 ..... c 35 N87-23944 *
US-PATENT-CLASS-374-112 ..... c 47 N92-29148 *
US-PATENT-CLASS-374-115 ..... c 35 N86-19580 *
US-PATENT-CLASS-374-117 ..... c 52 N85-30618 *
US-PATENT-CLASS-374-120 ..... c 35 N86-19580 *
US-PATENT-CLASS-374-122 ..... c 06 N83-10040 *
US-PATENT-CLASS-374-122 ..... c 43 N85-21723 *
US-PATENT-CLASS-374-122 ..... c 32 N87-21206 *
US-PATENT-CLASS-374-123 ..... c 06 N83-10040 *
US-PATENT-CLASS-374-124 ..... c 36 N90-17132 *
US-PATENT-CLASS-374-124 ..... c 35 N92-21710 *
US-PATENT-CLASS-374-126 ..... c 36 N90-17132 *
US-PATENT-CLASS-374-130 ..... c 36 N90-17132 *
US-PATENT-CLASS-374-135 ..... c 35 N92-21710 *
US-PATENT-CLASS-374-137 ..... c 36 N85-21639 *
US-PATENT-CLASS-374-160 ..... c 52 N85-30618 *
US-PATENT-CLASS-374-162R .... c 74 N82-30071 *
US-PATENT-CLASS-374-162 ..... c 35 N90-22770 *
US-PATENT-CLASS-374-163 ..... c 35 N86-19580 *
US-PATENT-CLASS-374-175 ..... c 33 N92-33021 *
US-PATENT-CLASS-374-178 ..... c 35 N92-33614 *
US-PATENT-CLASS-374-17 ..... c 35 N83-29650 *
US-PATENT-CLASS-374-180 ..... c 35 N91-31608 *
US-PATENT-CLASS-374-183 ..... c 33 N86-32624 *
US-PATENT-CLASS-374-185 ..... c 35 N92-33614 *
US-PATENT-CLASS-374-1 ..... c 35 N84-28019 *
US-PATENT-CLASS-374-208 ..... c 37 N85-21651 *
US-PATENT-CLASS-374-208 ..... c 35 N91-31608 *
US-PATENT-CLASS-374-210 ..... c 37 N85-21651 *
US-PATENT-CLASS-374-29 ..... c 35 N91-31608 *
US-PATENT-CLASS-374-29 ..... c 35 N92-22038 *
US-PATENT-CLASS-374-36 ..... c 25 N88-29002 *
US-PATENT-CLASS-374-45 ..... c 38 N92-29154 *
US-PATENT-CLASS-374-46 ..... c 34 N83-34221 *
US-PATENT-CLASS-374-46 ..... c 25 N86-19413 *
US-PATENT-CLASS-374-49 ..... c 14 N91-27175 *
US-PATENT-CLASS-374-4 ..... c 38 N92-29154 *
US-PATENT-CLASS-374-50 ..... c 14 N91-27175 *
US-PATENT-CLASS-374-51 ..... c 39 N83-32081 *
US-PATENT-CLASS-374-8 ..... c 25 N86-19413 *
US-PATENT-CLASS-374-8 ..... c 09 N91-21157 *
US-PATENT-CLASS-374-8 ..... c 25 N91-32196 *
US-PATENT-CLASS-374-9 ..... c 32 N87-21206 *
US-PATENT-CLASS-375-101 ..... c 32 N87-25511 *
US-PATENT-CLASS-375-102 ..... c 32 N87-25511 *
US-PATENT-CLASS-375-104 ..... c 35 N81-19427 *
US-PATENT-CLASS-375-106 ..... c 60 N82-16747 *
US-PATENT-CLASS-375-106 ..... c 32 N82-31583 *
US-PATENT-CLASS-375-107 ..... c 32 N81-14186 *
US-PATENT-CLASS-375-110 ..... c 32 N87-21207 *
US-PATENT-CLASS-375-114 ..... c 60 N82-16747 *
US-PATENT-CLASS-375-115 ..... c 32 N81-15179 *
US-PATENT-CLASS-375-116 ..... c 60 N82-16747 *
US-PATENT-CLASS-375-120 ..... c 32 N84-27952 *
US-PATENT-CLASS-375-120 ..... c 32 N87-21207 *
US-PATENT-CLASS-375-120 ..... c 33 N87-25531 *
US-PATENT-CLASS-375-1 ..... c 32 N81-15179 *
US-PATENT-CLASS-375-1 ..... c 35 N81-19427 *
US-PATENT-CLASS-375-1 ..... c 33 N81-33405 *
US-PATENT-CLASS-375-23 ..... c 32 N87-21207 *
US-PATENT-CLASS-375-34 ..... c 35 N81-19427 *
US-PATENT-CLASS-375-39 ..... c 32 N87-25511 *
US-PATENT-CLASS-375-53 ..... c 32 N91-14523 *
US-PATENT-CLASS-375-53 ..... c 32 N91-25316 *
US-PATENT-CLASS-375-53 ..... c 32 N91-25318 *
US-PATENT-CLASS-375-53 ..... c 32 N91-27439 *
US-PATENT-CLASS-375-54 ..... c 33 N81-15192 *
US-PATENT-CLASS-375-54 ..... c 32 N87-25511 *
US-PATENT-CLASS-375-54 ..... c 33 N87-25531 *
US-PATENT-CLASS-375-56 ..... c 32 N91-25316 *
US-PATENT-CLASS-375-56 ..... c 32 N91-27439 *
US-PATENT-CLASS-375-57 ..... c 32 N91-14523 *
US-PATENT-CLASS-375-58 ..... c 32 N81-15179 *
US-PATENT-CLASS-375-59 ..... c 33 N87-25531 *
US-PATENT-CLASS-375-67 ..... c 33 N81-15192 *
US-PATENT-CLASS-375-76 ..... c 33 N87-25531 *
US-PATENT-CLASS-375-77 ..... c 32 N84-27952 *
US-PATENT-CLASS-375-80 ..... c 04 N91-14321 *
US-PATENT-CLASS-375-80 ..... c 32 N92-21712 *
US-PATENT-CLASS-375-81 ..... c 32 N84-27952 *
US-PATENT-CLASS-375-85 ..... c 32 N91-25316 *
US-PATENT-CLASS-375-85 ..... c 32 N91-27439 *
US-PATENT-CLASS-375-86 ..... c 32 N91-25318 *
US-PATENT-CLASS-375-86 ..... c 32 N91-27439 *
US-PATENT-CLASS-375-88 ..... c 17 N87-16863 *
US-PATENT-CLASS-375-94 ..... c 04 N91-14321 *
US-PATENT-CLASS-375-94 ..... c 32 N92-21712 *
US-PATENT-CLASS-375-97 ..... c 32 N91-25316 *
US-PATENT-CLASS-375-99 ..... c 35 N81-19427 *
US-PATENT-CLASS-376-127 ..... c 72 N87-21661 *
US-PATENT-CLASS-376-159 ..... c 25 N85-21279 *
US-PATENT-CLASS-377-111 ..... c 60 N90-21525 *
US-PATENT-CLASS-377-114 ..... c 60 N90-21525 *
US-PATENT-CLASS-377-116 ..... c 60 N90-21525 *
US-PATENT-CLASS-377-123 ..... c 60 N90-21525 *
US-PATENT-CLASS-377-126 ..... c 60 N90-21525 *
US-PATENT-CLASS-377-39 ..... c 33 N89-14385 *
US-PATENT-CLASS-377-69 ..... c 60 N90-21525 *
US-PATENT-CLASS-377-79 ..... c 60 N90-21525 *
US-PATENT-CLASS-378-104 ..... c 33 N85-29147 *
US-PATENT-CLASS-378-112 ..... c 33 N85-29147 *
US-PATENT-CLASS-378-210 ..... c 35 N92-29135 *
US-PATENT-CLASS-378-210 ..... c 89 N92-33012 * #
US-PATENT-CLASS-378-2 ..... c 34 N83-19015 *
US-PATENT-CLASS-378-2 ..... c 74 N84-11920 *
US-PATENT-CLASS-378-43 ..... c 34 N83-19015 *
US-PATENT-CLASS-378-43 ..... c 74 N86-20124 *
US-PATENT-CLASS-378-43 ..... c 35 N92-29135 *
US-PATENT-CLASS-378-43 ..... c 89 N92-33012 * #
US-PATENT-CLASS-378-51 ..... c 38 N90-23756 *
US-PATENT-CLASS-378-58 ..... c 74 N86-20126 *
US-PATENT-CLASS-378-58 ..... c 38 N90-23756 *
US-PATENT-CLASS-378-59 ..... c 74 N86-20126 *
US-PATENT-CLASS-378-85 ..... c 74 N86-20124 *
US-PATENT-CLASS-380-25 ..... c 60 N90-25583 *
US-PATENT-CLASS-380-45 ..... c 60 N90-25583 *
US-PATENT-CLASS-380-49 ..... c 60 N90-25583 *
US-PATENT-CLASS-381-183 ..... c 54 N89-29953 *
US-PATENT-CLASS-381-187 ..... c 54 N89-29953 *
US-PATENT-CLASS-381-26 ..... c 35 N91-27522 *
US-PATENT-CLASS-381-68.1 ..... c 35 N91-27522 *
US-PATENT-CLASS-381-71 ..... c 71 N91-27913 *
US-PATENT-CLASS-381-92 ..... c 35 N91-27522 *
US-PATENT-CLASS-381-94 ..... c 71 N91-27913 *
US-PATENT-CLASS-382-1 ..... c 54 N92-29129 *
US-PATENT-CLASS-382-22 ..... c 54 N92-29129 *
US-PATENT-CLASS-382-31 ..... c 74 N89-14078 *
US-PATENT-CLASS-382-31 ..... c 74 N91-25840 *
US-PATENT-CLASS-382-31 ..... c 60 N92-33057 *
US-PATENT-CLASS-382-32 ..... c 74 N91-25840 *
US-PATENT-CLASS-382-32 ..... c 60 N92-33057 *
US-PATENT-CLASS-382-41 ..... c 60 N89-26400 *
US-PATENT-CLASS-382-42 ..... c 74 N86-21348 *
US-PATENT-CLASS-382-42 ..... c 60 N88-24169 *
US-PATENT-CLASS-382-42 ..... c 60 N89-26400 *
US-PATENT-CLASS-382-43 ..... c 74 N91-25840 *
US-PATENT-CLASS-382-49 ..... c 60 N89-26400 *
US-PATENT-CLASS-382-49 ..... c 74 N91-25840 *
US-PATENT-CLASS-382-6 ..... c 74 N91-25840 *
US-PATENT-CLASS-384-101 ..... c 37 N85-33490 *
US-PATENT-CLASS-384-103 ..... c 37 N86-19606 *
US-PATENT-CLASS-384-106 ..... c 37 N86-19606 *
US-PATENT-CLASS-384-124 ..... c 27 N83-34043 *
US-PATENT-CLASS-384-99 ..... c 37 N85-33490 *
US-PATENT-CLASS-388-821 ..... c 33 N90-21951 *
US-PATENT-CLASS-39-25.35 ..... c 33 N86-20671 *
US-PATENT-CLASS-395-24 ..... c 32 N92-22033 *
US-PATENT-CLASS-395-86 ..... c 37 N92-22036 *
US-PATENT-CLASS-395-90 ..... c 63 N92-33019 *
US-PATENT-CLASS-395-95 ..... c 37 N92-22036 *
US-PATENT-CLASS-4-DIG.9 ..... c 54 N91-14724 *
US-PATENT-CLASS-4-10 ..... c 54 N74-20725 *
US-PATENT-CLASS-4-110 ..... c 05 N72-22093 *
US-PATENT-CLASS-4-120 ..... c 54 N74-20725 *
US-PATENT-CLASS-4-144.3 ..... c 52 N81-24711 *
US-PATENT-CLASS-4-144.3 ..... c 52 N81-28740 *
US-PATENT-CLASS-4-209R ..... c 54 N91-14723 *
US-PATENT-CLASS-4-316 ..... c 54 N91-14723 *
US-PATENT-CLASS-4-316 ..... c 54 N91-14724 *
US-PATENT-CLASS-4-482 ..... c 54 N91-14723 *
US-PATENT-CLASS-4-482 ..... c 54 N91-14724 *
US-PATENT-CLASS-4-498 ..... c 44 N84-34792 *
US-PATENT-CLASS-4-661 ..... c 54 N91-14724 *
US-PATENT-CLASS-4-661 ..... c 54 N92-29137 *
US-PATENT-CLASS-4-99 ..... c 05 N72-22093 *
US-PATENT-CLASS-40-28 ..... c 12 N71-18603 *
US-PATENT-CLASS-40-703 ..... c 35 N92-22038 *
US-PATENT-CLASS-403-DIG.1 .... c 31 N92-16161 *
US-PATENT-CLASS-403-102 ..... c 37 N85-30336 *
US-PATENT-CLASS-403-102 ..... c 18 N87-14373 *
US-PATENT-CLASS-403-105 ..... c 37 N79-14382 *
US-PATENT-CLASS-403-113 ..... c 37 N86-19605 *
US-PATENT-CLASS-403-113 ..... c 37 N91-17387 *
US-PATENT-CLASS-403-119 ..... c 18 N87-14373 *
US-PATENT-CLASS-403-120 ..... c 37 N86-19605 *
US-PATENT-CLASS-403-131 ..... c 37 N91-21543 *
US-PATENT-CLASS-403-13 ..... c 37 N92-29140 *
US-PATENT-CLASS-403-143 ..... c 18 N85-29991 *
US-PATENT-CLASS-403-146 ..... c 18 N87-14373 *
US-PATENT-CLASS-403-146 ..... c 37 N91-15544 *
US-PATENT-CLASS-403-147 ..... c 37 N91-15544 *
US-PATENT-CLASS-403-156 ..... c 37 N91-15544 *
US-PATENT-CLASS-403-15 ..... c 37 N85-30334 *
US-PATENT-CLASS-403-163 ..... c 18 N87-14373 *
US-PATENT-CLASS-403-164 ..... c 54 N86-29507 * #
US-PATENT-CLASS-403-16 ..... c 37 N85-30334 *
US-PATENT-CLASS-403-171 ..... c 31 N81-25258 *
US-PATENT-CLASS-403-171 ..... c 31 N86-19479 *
US-PATENT-CLASS-403-171 ..... c 37 N88-29180 *
US-PATENT-CLASS-403-171 ..... c 37 N91-14614 *
US-PATENT-CLASS-403-171 ..... c 18 N91-21221 *
US-PATENT-CLASS-403-176 ..... c 18 N91-21221 *
US-PATENT-CLASS-403-179 ..... c 27 N76-14264 *
US-PATENT-CLASS-403-217 ..... c 37 N82-32732 *
US-PATENT-CLASS-403-217 ..... c 37 N88-29180 *
US-PATENT-CLASS-403-24 ..... c 37 N92-29140 *
US-PATENT-CLASS-403-252 ..... c 18 N91-21221 *
US-PATENT-CLASS-403-273 ..... c 37 N77-23482 *
US-PATENT-CLASS-403-282 ..... c 26 N83-10170 *
US-PATENT-CLASS-403-28 ..... c 27 N76-14264 *
US-PATENT-CLASS-403-28 ..... c 37 N85-29285 *
US-PATENT-CLASS-403-28 ..... c 37 N92-29120 *
US-PATENT-CLASS-403-291 ..... c 37 N91-17387 *
US-PATENT-CLASS-403-30 ..... c 18 N89-28554 *
US-PATENT-CLASS-403-312 ..... c 37 N86-27630 *
US-PATENT-CLASS-403-315 ..... c 37 N82-24494 *
US-PATENT-CLASS-403-317 ..... c 37 N82-32732 *
US-PATENT-CLASS-403-317 ..... c 37 N85-21649 *
US-PATENT-CLASS-403-317 ..... c 37 N91-14610 *
US-PATENT-CLASS-403-322 ..... c 18 N84-22605 *
US-PATENT-CLASS-403-322 ..... c 37 N85-30334 *
US-PATENT-CLASS-403-322 ..... c 37 N85-30336 *
US-PATENT-CLASS-403-322 ..... c 37 N90-17154 *
US-PATENT-CLASS-403-322 ..... c 37 N91-14614 *
US-PATENT-CLASS-403-325 ..... c 37 N90-17154 *
US-PATENT-CLASS-403-327 ..... c 37 N91-14610 *
US-PATENT-CLASS-403-327 ..... c 37 N91-14614 *
US-PATENT-CLASS-403-328 ..... c 18 N86-20469 *
US-PATENT-CLASS-403-328 ..... c 37 N90-17154 *
US-PATENT-CLASS-403-328 ..... c 31 N92-16161 *
US-PATENT-CLASS-403-331 ..... c 37 N82-32732 *
US-PATENT-CLASS-403-331 ..... c 37 N91-14610 *
US-PATENT-CLASS-403-331 ..... c 37 N91-14614 *
US-PATENT-CLASS-403-334 ..... c 37 N91-15544 *
US-PATENT-CLASS-403-340 ..... c 37 N82-32732 *
US-PATENT-CLASS-403-341 ..... c 18 N87-27713 *
US-PATENT-CLASS-403-348 ..... c 37 N85-30336 *
US-PATENT-CLASS-403-381 ..... c 37 N91-14610 *
US-PATENT-CLASS-403-385 ..... c 37 N91-14617 *
US-PATENT-CLASS-403-388 ..... c 37 N86-27630 *
US-PATENT-CLASS-403-391 ..... c 37 N91-14617 *
US-PATENT-CLASS-403-404 ..... c 37 N92-29120 *
US-PATENT-CLASS-403-408.1 .... c 37 N86-27630 *
US-PATENT-CLASS-403-408 ..... c 37 N85-29285 *
US-PATENT-CLASS-403-4 ..... c 18 N89-28554 *
US-PATENT-CLASS-403-51 ..... c 18 N89-28553 *
US-PATENT-CLASS-403-56 ..... c 18 N85-29991 *
US-PATENT-CLASS-403-57 ..... c 37 N91-17387 *
US-PATENT-CLASS-403-64 ..... c 31 N86-19479 *
US-PATENT-CLASS-403-72 ..... c 18 N91-27199 *
US-PATENT-CLASS-403-76 ..... c 18 N85-29991 *
US-PATENT-CLASS-403-85 ..... c 18 N87-14373 *
US-PATENT-CLASS-403-90 ..... c 18 N85-29991 *
US-PATENT-CLASS-405-188 ..... c 18 N90-20126 *
US-PATENT-CLASS-405-188 ..... c 18 N91-14374 *
US-PATENT-CLASS-405-229 ..... c 44 N79-24432 *
US-PATENT-CLASS-405-263 ..... c 44 N79-24432 *
US-PATENT-CLASS-406-155 ..... c 37 N84-16561 *
US-PATENT-CLASS-407-117 ..... c 37 N81-14319 *
US-PATENT-CLASS-407-85 ..... c 37 N81-14319 *
US-PATENT-CLASS-408-1-R ..... c 31 N87-25491 *
US-PATENT-CLASS-408-1R ..... c 37 N81-14319 *
US-PATENT-CLASS-408-1R ..... c 31 N83-27058 *
US-PATENT-CLASS-408-111 ..... c 37 N74-25968 *
US-PATENT-CLASS-408-112 ..... c 37 N75-25186 *
US-PATENT-CLASS-408-137 ..... c 15 N71-33518 *
US-PATENT-CLASS-408-14 ..... c 35 N92-21723 *
US-PATENT-CLASS-408-16 ..... c 35 N92-21723 *
US-PATENT-CLASS-408-186 ..... c 37 N75-25186 *
US-PATENT-CLASS-408-193 ..... c 37 N75-25186 *
US-PATENT-CLASS-408-195 ..... c 37 N75-25186 *
US-PATENT-CLASS-408-241S ..... c 35 N92-21723 *
US-PATENT-CLASS-408-61 ..... c 31 N83-27058 *
US-PATENT-CLASS-408-80 ..... c 37 N74-25968 *
US-PATENT-CLASS-409-131 ..... c 31 N83-27058 *
US-PATENT-CLASS-41R ..... c 27 N81-15104 *
US-PATENT-CLASS-410-156 ..... c 37 N85-34401 *
US-PATENT-CLASS-410-79 ..... c 18 N85-29991 *
US-PATENT-CLASS-410-80 ..... c 37 N91-27561 *
US-PATENT-CLASS-410-84 ..... c 37 N91-27561 *
US-PATENT-CLASS-410-90 ..... c 18 N85-29991 *

US-PATENT-CLASS-411-103 ..... c 37 N85-30335 *
US-PATENT-CLASS-411-108 ..... c 37 N85-30335 *
US-PATENT-CLASS-411-14 ..... c 37 N92-29150 *
US-PATENT-CLASS-411-166 ..... c 37 N87-22976 *
US-PATENT-CLASS-411-267 ..... c 37 N92-29150 *
US-PATENT-CLASS-411-348 ..... c 31 N92-16161 *
US-PATENT-CLASS-411-353 ..... c 37 N83-19091 *
US-PATENT-CLASS-411-354 ..... c 37 N92-21726 *
US-PATENT-CLASS-411-368 ..... c 37 N85-29285 *
US-PATENT-CLASS-411-368 ..... c 37 N87-22976 *
US-PATENT-CLASS-411-378 ..... c 37 N85-29285 *
US-PATENT-CLASS-411-385 ..... c 37 N92-21726 *
US-PATENT-CLASS-411-424 ..... c 37 N87-22976 *
US-PATENT-CLASS-411-426 ..... c 37 N85-29285 *
US-PATENT-CLASS-411-427 ..... c 37 N87-22976 *
US-PATENT-CLASS-411-433 ..... c 37 N92-29150 *
US-PATENT-CLASS-411-501 ..... c 37 N85-29285 *
US-PATENT-CLASS-411-517 ..... c 37 N83-19091 *
US-PATENT-CLASS-411-531 ..... c 37 N85-29285 *
US-PATENT-CLASS-411-531 ..... c 37 N87-22976 *
US-PATENT-CLASS-411-65 ..... c 37 N92-21726 *
US-PATENT-CLASS-411-901 ..... c 37 N92-21726 *
US-PATENT-CLASS-411-908 ..... c 37 N92-21726 *
US-PATENT-CLASS-411-909 ..... c 37 N92-29120 *
US-PATENT-CLASS-414-1 ..... c 37 N80-14398 *
US-PATENT-CLASS-414-1 ..... c 37 N81-14320 *
US-PATENT-CLASS-414-1 ..... c 54 N86-28618 *
US-PATENT-CLASS-414-217 ..... c 37 N85-29286 *
US-PATENT-CLASS-414-217 ..... c 31 N91-15423 *
US-PATENT-CLASS-414-220 ..... c 31 N91-15423 *
US-PATENT-CLASS-414-222 ..... c 37 N82-32731 *
US-PATENT-CLASS-414-226 ..... c 37 N82-32731 *
US-PATENT-CLASS-414-288 ..... c 85 N85-34722 *
US-PATENT-CLASS-414-328 ..... c 85 N85-34722 *
US-PATENT-CLASS-414-373 ..... c 85 N85-34722 *
US-PATENT-CLASS-414-4 ..... c 37 N79-28551 *
US-PATENT-CLASS-414-4 ..... c 54 N81-26718 *
US-PATENT-CLASS-414-4 ..... c 37 N86-20789 *
US-PATENT-CLASS-414-5 ..... c 54 N86-28618 *
US-PATENT-CLASS-414-689 ..... c 18 N89-12621 *
US-PATENT-CLASS-414-6 ..... c 54 N79-24652 *
US-PATENT-CLASS-414-718 ..... c 37 N86-20789 *
US-PATENT-CLASS-414-718 ..... c 18 N89-12621 *
US-PATENT-CLASS-414-729 ..... c 37 N91-14616 *
US-PATENT-CLASS-414-730 ..... c 37 N81-27519 *
US-PATENT-CLASS-414-730 ..... c 37 N86-19603 *
US-PATENT-CLASS-414-735 ..... c 54 N81-26718 *
US-PATENT-CLASS-414-735 ..... c 18 N88-23828 *
US-PATENT-CLASS-414-735 ..... c 18 N89-12621 *
US-PATENT-CLASS-414-737 ..... c 37 N92-33018 *
US-PATENT-CLASS-414-739 ..... c 37 N82-32731 *
US-PATENT-CLASS-414-744A .... c 54 N81-26718 *
US-PATENT-CLASS-414-750 ..... c 18 N88-23828 *
US-PATENT-CLASS-414-753 ..... c 37 N86-20789 *
US-PATENT-CLASS-414-786 ..... c 85 N85-34722 *
US-PATENT-CLASS-414-7 ..... c 54 N86-28618 *
US-PATENT-CLASS-414-7 ..... c 54 N86-28620 *
US-PATENT-CLASS-414-7 ..... c 37 N91-14616 *
US-PATENT-CLASS-414-8 ..... c 54 N86-28618 *
US-PATENT-CLASS-415-DIG.8 .... c 44 N82-24639 *
US-PATENT-CLASS-415-DIG.8 .... c 44 N84-23018 *
US-PATENT-CLASS-415-101 ..... c 44 N80-21828 *
US-PATENT-CLASS-415-115 ..... c 07 N79-10057 *
US-PATENT-CLASS-415-115 ..... c 34 N83-27144 *
US-PATENT-CLASS-415-115 ..... c 07 N84-33410 *
US-PATENT-CLASS-415-115 ..... c 34 N85-33433 *
US-PATENT-CLASS-415-116 ..... c 07 N79-10057 *
US-PATENT-CLASS-415-118 ..... c 35 N83-35338 *
US-PATENT-CLASS-415-136 ..... c 37 N88-23978 *
US-PATENT-CLASS-415-143 ..... c 34 N79-20335 *
US-PATENT-CLASS-415-145 ..... c 07 N77-28118 *
US-PATENT-CLASS-415-145 ..... c 07 N82-32366 *
US-PATENT-CLASS-415-170.1 .... c 37 N91-14608 *
US-PATENT-CLASS-415-170-R ... c 37 N88-23978 *
US-PATENT-CLASS-415-174.5 .... c 37 N91-14608 *
US-PATENT-CLASS-415-174 ..... c 37 N79-18318 *
US-PATENT-CLASS-415-174 ..... c 37 N80-26658 *
US-PATENT-CLASS-415-174 ..... c 37 N82-19540 *
US-PATENT-CLASS-415-174 ..... c 27 N82-29453 *
US-PATENT-CLASS-415-174 ..... c 18 N83-20996 *
US-PATENT-CLASS-415-174 ..... c 37 N84-22957 *
US-PATENT-CLASS-415-174 ..... c 37 N86-20788 *
US-PATENT-CLASS-415-175 ..... c 07 N83-31603 *
US-PATENT-CLASS-415-178 ..... c 07 N82-32366 *
US-PATENT-CLASS-415-178 ..... c 07 N83-31603 *
US-PATENT-CLASS-415-180 ..... c 07 N77-23106 *
US-PATENT-CLASS-415-180 ..... c 37 N78-10467 *
US-PATENT-CLASS-415-181 ..... c 07 N74-28226 *
US-PATENT-CLASS-415-181 ..... c 07 N74-31270 *
US-PATENT-CLASS-415-196 ..... c 37 N80-26658 *
US-PATENT-CLASS-415-196 ..... c 37 N82-19540 *
US-PATENT-CLASS-415-197 ..... c 18 N83-20996 *
US-PATENT-CLASS-415-199 ..... c 05 N80-14107 *
US-PATENT-CLASS-415-1 ..... c 34 N79-20335 *
US-PATENT-CLASS-415-1 ..... c 07 N83-31603 *
US-PATENT-CLASS-415-1 ..... c 37 N85-29282 *
US-PATENT-CLASS-415-2R ..... c 44 N82-24639 *
US-PATENT-CLASS-415-2R ..... c 44 N84-23018 *
US-PATENT-CLASS-415-200 ..... c 07 N79-14096 *
US-PATENT-CLASS-415-200 ..... c 37 N79-18318 *
US-PATENT-CLASS-415-201 ..... c 07 N79-14096 *
US-PATENT-CLASS-415-229 ..... c 37 N91-14608 *
US-PATENT-CLASS-415-2 ..... c 44 N80-21828 *
US-PATENT-CLASS-415-47 ..... c 07 N83-31603 *
US-PATENT-CLASS-415-68 ..... c 37 N85-29282 *
US-PATENT-CLASS-415-9 ..... c 44 N79-14527 *
US-PATENT-CLASS-416-104 ..... c 05 N77-17029 *
US-PATENT-CLASS-416-114 ..... c 05 N81-19087 *
US-PATENT-CLASS-416-114 ..... c 08 N87-23631 *
US-PATENT-CLASS-416-115 ..... c 02 N72-11018 *
US-PATENT-CLASS-416-117 ..... c 37 N84-12493 *
US-PATENT-CLASS-416-121 ..... c 02 N72-11018 *
US-PATENT-CLASS-416-127 ..... c 02 N72-11018 *
US-PATENT-CLASS-416-130 ..... c 02 N72-11018 *
US-PATENT-CLASS-416-132B .... c 37 N84-12493 *
US-PATENT-CLASS-416-132R .... c 05 N79-17847 *
US-PATENT-CLASS-416-135 ..... c 07 N77-32148 *
US-PATENT-CLASS-416-135 ..... c 37 N78-10468 *
US-PATENT-CLASS-416-138 ..... c 05 N77-17029 *
US-PATENT-CLASS-416-138 ..... c 05 N79-17847 *
US-PATENT-CLASS-416-141 ..... c 05 N77-17029 *
US-PATENT-CLASS-416-141 ..... c 37 N78-10468 *
US-PATENT-CLASS-416-144 ..... c 35 N78-24515 *
US-PATENT-CLASS-416-145 ..... c 05 N85-29947 *
US-PATENT-CLASS-416-149 ..... c 02 N72-11018 *
US-PATENT-CLASS-416-153 ..... c 07 N77-14025 *
US-PATENT-CLASS-416-157B .... c 07 N79-14095 *
US-PATENT-CLASS-416-158 ..... c 08 N87-23631 *
US-PATENT-CLASS-416-160 ..... c 07 N77-14025 *
US-PATENT-CLASS-416-160 ..... c 07 N79-14095 *
US-PATENT-CLASS-416-162 ..... c 07 N77-14025 *
US-PATENT-CLASS-416-162 ..... c 07 N79-14095 *
US-PATENT-CLASS-416-165 ..... c 07 N77-14025 *
US-PATENT-CLASS-416-167 ..... c 07 N77-14025 *
US-PATENT-CLASS-416-167 ..... c 07 N79-14095 *
US-PATENT-CLASS-416-190 ..... c 07 N77-32148 *
US-PATENT-CLASS-416-193A .... c 07 N77-32148 *
US-PATENT-CLASS-416-1 ..... c 34 N83-27144 *
US-PATENT-CLASS-416-200 ..... c 02 N72-11018 *
US-PATENT-CLASS-416-214A .... c 07 N78-33101 *
US-PATENT-CLASS-416-220R .... c 07 N77-27116 *
US-PATENT-CLASS-416-220R .... c 37 N78-10468 *
US-PATENT-CLASS-416-221 ..... c 07 N77-27116 *
US-PATENT-CLASS-416-223-R ... c 02 N89-14224 *
US-PATENT-CLASS-416-223R .... c 02 N84-11136 *
US-PATENT-CLASS-416-223R .... c 02 N84-28732 *
US-PATENT-CLASS-416-223 ..... c 07 N74-28226 *
US-PATENT-CLASS-416-224 ..... c 24 N77-19170 *
US-PATENT-CLASS-416-224 ..... c 07 N84-22560 *
US-PATENT-CLASS-416-228 ..... c 05 N80-14107 *
US-PATENT-CLASS-416-230 ..... c 24 N77-19170 *
US-PATENT-CLASS-416-233 ..... c 07 N84-22560 *
US-PATENT-CLASS-416-237 ..... c 07 N74-28226 *
US-PATENT-CLASS-416-238 ..... c 05 N80-14107 *
US-PATENT-CLASS-416-23 ..... c 05 N85-29947 *
US-PATENT-CLASS-416-241A .... c 07 N77-32148 *
US-PATENT-CLASS-416-241R .... c 26 N84-33555 *
US-PATENT-CLASS-416-242 ..... c 02 N84-11136 *
US-PATENT-CLASS-416-242 ..... c 02 N84-28732 *
US-PATENT-CLASS-416-244A .... c 07 N78-33101 *
US-PATENT-CLASS-416-248 ..... c 37 N78-10468 *
US-PATENT-CLASS-416-25 ..... c 05 N75-12930 *
US-PATENT-CLASS-416-2 ..... c 44 N79-14527 *
US-PATENT-CLASS-416-500 ..... c 05 N81-19087 *
US-PATENT-CLASS-416-500 ..... c 05 N85-29947 *
US-PATENT-CLASS-416-51 ..... c 05 N79-17847 *
US-PATENT-CLASS-416-61 ..... c 35 N78-24515 *
US-PATENT-CLASS-416-61 ..... c 37 N79-14382 *
US-PATENT-CLASS-416-88 ..... c 05 N79-17847 *
US-PATENT-CLASS-416-89 ..... c 05 N79-17847 *
US-PATENT-CLASS-416-92 ..... c 07 N84-22560 *
US-PATENT-CLASS-416-97A ..... c 34 N85-33433 *
US-PATENT-CLASS-416-97R ..... c 34 N83-27144 *
US-PATENT-CLASS-416-97R ..... c 07 N84-22560 *
US-PATENT-CLASS-416-9 ..... c 37 N90-23742 *
US-PATENT-CLASS-417-138 ..... c 35 N75-19611 *
US-PATENT-CLASS-417-141 ..... c 44 N76-29701 *
US-PATENT-CLASS-417-152 ..... c 15 N72-22489 *
US-PATENT-CLASS-417-159 ..... c 09 N84-27749 *
US-PATENT-CLASS-417-15 ..... c 37 N83-26078 *
US-PATENT-CLASS-417-190 ..... c 35 N91-21496 *
US-PATENT-CLASS-417-207 ..... c 44 N76-29701 *
US-PATENT-CLASS-417-209 ..... c 34 N76-17317 *
US-PATENT-CLASS-417-209 ..... c 44 N76-29701 *
US-PATENT-CLASS-417-209 ..... c 34 N92-29125 *
US-PATENT-CLASS-417-225 ..... c 35 N78-10428 *
US-PATENT-CLASS-417-328 ..... c 37 N84-28081 *
US-PATENT-CLASS-417-36 ..... c 35 N75-19611 *
US-PATENT-CLASS-417-379 ..... c 44 N76-29701 *
US-PATENT-CLASS-417-383 ..... c 37 N80-31790 *
US-PATENT-CLASS-417-391 ..... c 15 N73-24513 *
US-PATENT-CLASS-417-392 ..... c 37 N84-28081 *
US-PATENT-CLASS-417-395 ..... c 35 N75-19611 *
US-PATENT-CLASS-417-399 ..... c 44 N83-14693 *
US-PATENT-CLASS-417-417 ..... c 44 N83-28574 *
US-PATENT-CLASS-417-417 ..... c 31 N85-21404 *
US-PATENT-CLASS-417-462 ..... c 37 N84-28081 *
US-PATENT-CLASS-417-470 ..... c 35 N74-15126 *
US-PATENT-CLASS-417-471 ..... c 35 N74-15126 *
US-PATENT-CLASS-417-475 ..... c 37 N86-32738 *
US-PATENT-CLASS-417-488 ..... c 31 N85-21404 *
US-PATENT-CLASS-417-50 ..... c 15 N71-27084 *
US-PATENT-CLASS-417-52 ..... c 37 N74-27904 *
US-PATENT-CLASS-417-53 ..... c 31 N90-23587 *
US-PATENT-CLASS-417-572 ..... c 31 N90-23587 *
US-PATENT-CLASS-417-88 ..... c 44 N78-32539 *
US-PATENT-CLASS-418-113 ..... c 37 N82-16408 *
US-PATENT-CLASS-418-142 ..... c 37 N82-16408 *
US-PATENT-CLASS-419-14 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-24 ..... c 24 N90-23493 *
US-PATENT-CLASS-419-24 ..... c 24 N91-17145 *
US-PATENT-CLASS-419-30 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-32 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-36 ..... c 24 N90-23493 *
US-PATENT-CLASS-419-36 ..... c 24 N91-17145 *
US-PATENT-CLASS-419-36 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-37 ..... c 24 N90-23493 *
US-PATENT-CLASS-419-37 ..... c 24 N91-17145 *
US-PATENT-CLASS-419-38 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-39 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-48 ..... c 24 N91-17145 *
US-PATENT-CLASS-419-49 ..... c 24 N91-17145 *
US-PATENT-CLASS-419-49 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-8 ..... c 24 N90-23493 *
US-PATENT-CLASS-419-8 ..... c 24 N91-17145 *
US-PATENT-CLASS-42-1.13 ..... c 03 N91-15142 *
US-PATENT-CLASS-42-1F ..... c 11 N72-22247 *
US-PATENT-CLASS-42-101 ..... c 44 N86-25874 *
US-PATENT-CLASS-42-215 ..... c 44 N76-29704 *
US-PATENT-CLASS-420-445 ..... c 26 N82-31505 *
US-PATENT-CLASS-420-460 ..... c 26 N87-14482 *
US-PATENT-CLASS-420-529 ..... c 26 N89-28621 *
US-PATENT-CLASS-420-533 ..... c 26 N89-28621 *
US-PATENT-CLASS-420-54 ..... c 26 N89-14303 *
US-PATENT-CLASS-420-551 ..... c 26 N82-31505 *
US-PATENT-CLASS-420-588 ..... c 26 N82-31505 *
US-PATENT-CLASS-420-62 ..... c 26 N89-14303 *
US-PATENT-CLASS-420-79 ..... c 26 N89-14303 *
US-PATENT-CLASS-420-80 ..... c 26 N89-14303 *
US-PATENT-CLASS-420-81 ..... c 26 N89-14303 *
US-PATENT-CLASS-421-209 ..... c 33 N91-31529 *
US-PATENT-CLASS-421-457 ..... c 33 N91-31529 *
US-PATENT-CLASS-422-101 ..... c 51 N91-31755 *
US-PATENT-CLASS-422-102 ..... c 76 N92-34171 *
US-PATENT-CLASS-422-103 ..... c 35 N85-29213 *
US-PATENT-CLASS-422-104 ..... c 09 N91-21157 *
US-PATENT-CLASS-422-109 ..... c 54 N81-24724 *
US-PATENT-CLASS-422-111 ..... c 35 N90-22025 *
US-PATENT-CLASS-422-121 ..... c 35 N84-17555 *
US-PATENT-CLASS-422-126 ..... c 35 N90-22025 *
US-PATENT-CLASS-422-129 ..... c 37 N85-21652 *
US-PATENT-CLASS-422-169 ..... c 35 N84-17555 *
US-PATENT-CLASS-422-176 ..... c 34 N92-16243 *
US-PATENT-CLASS-422-178 ..... c 35 N84-17555 *
US-PATENT-CLASS-422-186 ..... c 25 N82-28368 *
US-PATENT-CLASS-422-186 ..... c 35 N84-17555 *
US-PATENT-CLASS-422-187 ..... c 37 N80-10494 *
US-PATENT-CLASS-422-198 ..... c 25 N82-28368 *
US-PATENT-CLASS-422-199 ..... c 37 N80-10494 *
US-PATENT-CLASS-422-199 ..... c 37 N85-21652 *
US-PATENT-CLASS-422-200 ..... c 44 N83-10501 *
US-PATENT-CLASS-422-202 ..... c 44 N83-10501 *
US-PATENT-CLASS-422-208 ..... c 37 N80-10494 *
US-PATENT-CLASS-422-224 ..... c 31 N80-18231 *
US-PATENT-CLASS-422-224 ..... c 44 N83-10501 *
US-PATENT-CLASS-422-235 ..... c 37 N80-10494 *
US-PATENT-CLASS-422-242 ..... c 37 N80-10494 *
US-PATENT-CLASS-422-245 ..... c 76 N90-23242 *
US-PATENT-CLASS-422-245 ..... c 76 N90-24169 *
US-PATENT-CLASS-422-245 ..... c 76 N92-25398 *
US-PATENT-CLASS-422-245 ..... c 76 N92-34171 *
US-PATENT-CLASS-422-246 ..... c 76 N80-32244 *
US-PATENT-CLASS-422-246 ..... c 33 N81-19389 *
US-PATENT-CLASS-422-246 ..... c 76 N82-30105 *
US-PATENT-CLASS-422-246 ..... c 76 N84-35113 *
US-PATENT-CLASS-422-246 ..... c 76 N88-24544 *
US-PATENT-CLASS-422-247 ..... c 76 N92-25398 *
US-PATENT-CLASS-422-249 ..... c 33 N81-19389 *
US-PATENT-CLASS-422-249 ..... c 76 N84-35113 *
US-PATENT-CLASS-422-249 ..... c 76 N90-20896 *
US-PATENT-CLASS-422-251 ..... c 76 N88-14835 *
US-PATENT-CLASS-422-254 ..... c 76 N92-34171 *
US-PATENT-CLASS-422-260 ..... c 76 N88-14835 *
US-PATENT-CLASS-422-27 ..... c 54 N81-24724 *
US-PATENT-CLASS-422-30 ..... c 54 N81-24724 *
US-PATENT-CLASS-422-34 ..... c 54 N81-24724 *
US-PATENT-CLASS-422-3 ..... c 54 N81-24724 *
US-PATENT-CLASS-422-40 ..... c 35 N82-11432 *

US-PATENT-CLASS-422-41 ..... c 52 N79-14749 *
US-PATENT-CLASS-422-48 ..... c 52 N79-14749 *
US-PATENT-CLASS-422-50 ..... c 76 N90-24169 *
US-PATENT-CLASS-422-52 ..... c 51 N80-16714 *
US-PATENT-CLASS-422-52 ..... c 51 N83-27569 *
US-PATENT-CLASS-422-56 ..... c 76 N92-34171 *
US-PATENT-CLASS-422-62 ..... c 35 N90-22025 *
US-PATENT-CLASS-422-68 ..... c 51 N80-27067 *
US-PATENT-CLASS-422-78 ..... c 25 N86-19413 *
US-PATENT-CLASS-422-78 ..... c 09 N91-21157 *
US-PATENT-CLASS-422-80 ..... c 25 N82-12166 *
US-PATENT-CLASS-422-80 ..... c 09 N91-21157 *
US-PATENT-CLASS-422-83 ..... c 34 N92-16243 *
US-PATENT-CLASS-422-86 ..... c 35 N85-29213 *
US-PATENT-CLASS-422-88 ..... c 35 N85-29213 *
US-PATENT-CLASS-422-93 ..... c 34 N92-16243 *
US-PATENT-CLASS-422-98 ..... c 35 N90-22025 *
US-PATENT-CLASS-422-99 ..... c 51 N91-31755 *
US-PATENT-CLASS-422-99 ..... c 76 N92-34171 *
US-PATENT-CLASS-422-9 ..... c 45 N80-14579 *
US-PATENT-CLASS-423-DIG.10 . c 24 N84-22695 *
US-PATENT-CLASS-423-DIG.10 . c 31 N85-20153 *
US-PATENT-CLASS-423-131 ..... c 28 N81-15119 *
US-PATENT-CLASS-423-149 ..... c 26 N80-14229 *
US-PATENT-CLASS-423-1 ..... c 28 N81-15119 *
US-PATENT-CLASS-423-231 ..... c 25 N74-12813 *
US-PATENT-CLASS-423-235 ..... c 25 N82-28368 *
US-PATENT-CLASS-423-242 ..... c 45 N79-12584 *
US-PATENT-CLASS-423-247 ..... c 25 N91-21270 *
US-PATENT-CLASS-423-249 ..... c 25 N76-27383 *
US-PATENT-CLASS-423-276 ..... c 23 N87-23698 *
US-PATENT-CLASS-423-284 ..... c 23 N87-23698 *
US-PATENT-CLASS-423-293 ..... c 26 N80-14229 *
US-PATENT-CLASS-423-303 ..... c 44 N84-23019 *
US-PATENT-CLASS-423-33-5 ..... c 25 N79-28253 *
US-PATENT-CLASS-423-338 ..... c 76 N87-29360 *
US-PATENT-CLASS-423-339 ..... c 76 N87-29360 *
US-PATENT-CLASS-423-345 ..... c 76 N76-25049 *
US-PATENT-CLASS-423-345 ..... c 76 N79-23798 *
US-PATENT-CLASS-423-346 ..... c 76 N76-25049 *
US-PATENT-CLASS-423-348 ..... c 26 N80-14229 *
US-PATENT-CLASS-423-350 ..... c 37 N80-10494 *
US-PATENT-CLASS-423-350 ..... c 31 N80-18231 *
US-PATENT-CLASS-423-352 ..... c 36 N76-19427 *
US-PATENT-CLASS-423-407 ..... c 24 N76-14203 *
US-PATENT-CLASS-423-414 ..... c 24 N84-22695 *
US-PATENT-CLASS-423-414 ..... c 31 N85-20153 *
US-PATENT-CLASS-423-417 ..... c 26 N80-14229 *
US-PATENT-CLASS-423-419P ..... c 25 N83-33977 *
US-PATENT-CLASS-423-439 ..... c 24 N91-15320 *
US-PATENT-CLASS-423-439 ..... c 27 N92-10090 *
US-PATENT-CLASS-423-445 ..... c 24 N84-22695 *
US-PATENT-CLASS-423-445 ..... c 31 N85-20153 *
US-PATENT-CLASS-423-445 ..... c 24 N85-21267 *
US-PATENT-CLASS-423-446 ..... c 15 N73-19457 *
US-PATENT-CLASS-423-446 ..... c 24 N84-22695 *
US-PATENT-CLASS-423-446 ..... c 31 N85-20153 *
US-PATENT-CLASS-423-446 ..... c 24 N85-21267 *
US-PATENT-CLASS-423-447.2 .... c 24 N83-25789 *
US-PATENT-CLASS-423-447.2 .... c 24 N92-16025 *
US-PATENT-CLASS-423-447.6 .... c 24 N83-25789 *
US-PATENT-CLASS-423-447.7 .... c 24 N83-25789 *
US-PATENT-CLASS-423-448 ..... c 24 N91-15320 *
US-PATENT-CLASS-423-448 ..... c 27 N92-10090 *
US-PATENT-CLASS-423-448 ..... c 24 N92-16025 *
US-PATENT-CLASS-423-449 ..... c 24 N84-22695 *
US-PATENT-CLASS-423-449 ..... c 31 N85-20153 *
US-PATENT-CLASS-423-449 ..... c 24 N85-21267 *
US-PATENT-CLASS-423-460 ..... c 24 N91-15320 *
US-PATENT-CLASS-423-460 ..... c 27 N92-10090 *
US-PATENT-CLASS-423-460 ..... c 24 N92-16025 *
US-PATENT-CLASS-423-489 ..... c 24 N91-15320 *
US-PATENT-CLASS-423-539 ..... c 25 N82-28368 *
US-PATENT-CLASS-423-540 ..... c 25 N82-28368 *
US-PATENT-CLASS-423-542 ..... c 25 N82-28368 *
US-PATENT-CLASS-423-579 ..... c 46 N74-13011 *
US-PATENT-CLASS-423-579 ..... c 25 N82-28368 *
US-PATENT-CLASS-423-581 ..... c 25 N79-10162 *
US-PATENT-CLASS-423-582 ..... c 26 N78-32229 *
US-PATENT-CLASS-423-583 ..... c 26 N78-32229 *
US-PATENT-CLASS-423-600 ..... c 25 N83-33977 *
US-PATENT-CLASS-423-625 ..... c 15 N73-19457 *
US-PATENT-CLASS-423-625 ..... c 26 N80-14229 *
US-PATENT-CLASS-423-630 ..... c 27 N92-16122 *
US-PATENT-CLASS-423-644 ..... c 36 N76-18427 *
US-PATENT-CLASS-423-648R .... c 44 N77-22607 *
US-PATENT-CLASS-423-648R .... c 28 N78-24365 *
US-PATENT-CLASS-423-648R .... c 28 N80-20402 *
US-PATENT-CLASS-423-648R .... c 28 N81-14103 *
US-PATENT-CLASS-423-648R .... c 25 N82-28368 *
US-PATENT-CLASS-423-648R .... c 25 N83-29324 *
US-PATENT-CLASS-423-649 ..... c 25 N83-29324 *
US-PATENT-CLASS-423-650 ..... c 44 N76-18642 *
US-PATENT-CLASS-423-650 ..... c 44 N76-29700 *
US-PATENT-CLASS-423-650 ..... c 44 N76-29704 *
US-PATENT-CLASS-423-650 ..... c 44 N77-10636 *
US-PATENT-CLASS-423-650 ..... c 28 N80-10374 *
US-PATENT-CLASS-423-655 ..... c 28 N91-14495 *
US-PATENT-CLASS-423-658.5 .... c 28 N81-15119 *
US-PATENT-CLASS-424-12 ..... c 25 N79-14169 *
US-PATENT-CLASS-424-12 ..... c 51 N80-16715 *
US-PATENT-CLASS-424-156 ..... c 25 N83-33977 *
US-PATENT-CLASS-424-180 ..... c 52 N75-15270 *
US-PATENT-CLASS-424-247 ..... c 52 N81-29764 *
US-PATENT-CLASS-424-267 ..... c 52 N81-29764 *
US-PATENT-CLASS-424-274 ..... c 52 N81-14613 *
US-PATENT-CLASS-424-274 ..... c 52 N81-29764 *
US-PATENT-CLASS-424-3 ..... c 51 N77-27677 *
US-PATENT-CLASS-424-70 ..... c 54 N92-29137 *
US-PATENT-CLASS-425-DIG.43 . c 31 N75-13111 *
US-PATENT-CLASS-425-10 ..... c 31 N83-35176 *
US-PATENT-CLASS-425-113 ..... c 15 N73-13464 *
US-PATENT-CLASS-425-128 ..... c 31 N74-32920 *
US-PATENT-CLASS-425-133 ..... c 15 N73-13464 *
US-PATENT-CLASS-425-176 ..... c 15 N73-13464 *
US-PATENT-CLASS-425-28B ..... c 31 N74-32917 *
US-PATENT-CLASS-425-35 ..... c 31 N74-32917 *
US-PATENT-CLASS-425-378R .... c 31 N81-15154 *
US-PATENT-CLASS-425-4-R ..... c 27 N88-23894 *
US-PATENT-CLASS-425-405R .... c 31 N75-13111 *
US-PATENT-CLASS-425-415 ..... c 31 N74-32920 *
US-PATENT-CLASS-425-425 ..... c 31 N90-19425 *
US-PATENT-CLASS-425-435 ..... c 31 N90-19425 *
US-PATENT-CLASS-425-438 ..... c 31 N75-13111 *
US-PATENT-CLASS-425-468 ..... c 31 N75-13111 *
US-PATENT-CLASS-425-5 ..... c 34 N90-23700 *
US-PATENT-CLASS-425-6 ..... c 31 N81-33319 *
US-PATENT-CLASS-425-6 ..... c 27 N82-28442 *
US-PATENT-CLASS-425-6 ..... c 31 N83-31896 *
US-PATENT-CLASS-425-6 ..... c 31 N83-35176 *
US-PATENT-CLASS-425-6 ..... c 71 N84-28568 *
US-PATENT-CLASS-425-6 ..... c 26 N86-32551 *
US-PATENT-CLASS-425-6 ..... c 34 N90-23700 *
US-PATENT-CLASS-425-73 ..... c 31 N90-19425 *
US-PATENT-CLASS-425-75 ..... c 31 N90-19425 *
US-PATENT-CLASS-425-77 ..... c 15 N72-20446 *
US-PATENT-CLASS-425-7 ..... c 31 N83-35176 *
US-PATENT-CLASS-425-804 ..... c 34 N90-23700 *
US-PATENT-CLASS-427-108 ..... c 74 N92-29158 *
US-PATENT-CLASS-427-109 ..... c 74 N92-29158 *
US-PATENT-CLASS-427-113 ..... c 44 N76-28635 *
US-PATENT-CLASS-427-113 ..... c 44 N78-24609 *
US-PATENT-CLASS-427-113 ..... c 44 N84-28205 *
US-PATENT-CLASS-427-115 ..... c 25 N82-21268 *
US-PATENT-CLASS-427-115 ..... c 26 N84-22734 *
US-PATENT-CLASS-427-115 ..... c 44 N84-28205 *
US-PATENT-CLASS-427-123 ..... c 44 N79-11472 *
US-PATENT-CLASS-427-124 ..... c 37 N78-13436 *
US-PATENT-CLASS-427-125 ..... c 26 N84-22734 *
US-PATENT-CLASS-427-125 ..... c 44 N84-28205 *
US-PATENT-CLASS-427-126.6 .... c 26 N84-22734 *
US-PATENT-CLASS-427-126 ..... c 37 N78-13436 *
US-PATENT-CLASS-427-126 ..... c 44 N79-11472 *
US-PATENT-CLASS-427-130 ..... c 44 N77-32583 *
US-PATENT-CLASS-427-140 ..... c 27 N82-33520 *
US-PATENT-CLASS-427-140 ..... c 24 N83-13172 *
US-PATENT-CLASS-427-160 ..... c 34 N77-18382 *
US-PATENT-CLASS-427-160 ..... c 44 N78-19599 *
US-PATENT-CLASS-427-162 ..... c 12 N76-15189 *
US-PATENT-CLASS-427-162 ..... c 27 N86-31727 *
US-PATENT-CLASS-427-164 ..... c 27 N78-14164 *
US-PATENT-CLASS-427-164 ..... c 27 N78-31233 *
US-PATENT-CLASS-427-164 ..... c 74 N78-32854 *
US-PATENT-CLASS-427-164 ..... c 27 N80-24437 *
US-PATENT-CLASS-427-164 ..... c 27 N86-31727 *
US-PATENT-CLASS-427-165 ..... c 27 N86-31727 *
US-PATENT-CLASS-427-178 ..... c 24 N85-30027 *
US-PATENT-CLASS-427-185 ..... c 24 N92-10070 *
US-PATENT-CLASS-427-191 ..... c 26 N85-35267 *
US-PATENT-CLASS-427-191 ..... c 26 N86-32550 *
US-PATENT-CLASS-427-192 ..... c 26 N86-32550 *
US-PATENT-CLASS-427-195 ..... c 24 N92-10070 *
US-PATENT-CLASS-427-196 ..... c 27 N76-15310 *
US-PATENT-CLASS-427-203 ..... c 27 N76-16229 *
US-PATENT-CLASS-427-204 ..... c 27 N76-16229 *
US-PATENT-CLASS-427-205 ..... c 27 N76-16229 *
US-PATENT-CLASS-427-205 ..... c 27 N82-28441 *
US-PATENT-CLASS-427-215 ..... c 27 N78-32260 *
US-PATENT-CLASS-427-215 ..... c 24 N83-33950 *
US-PATENT-CLASS-427-216 ..... c 33 N84-16456 *
US-PATENT-CLASS-427-217 ..... c 33 N84-16456 *
US-PATENT-CLASS-427-219.2 .... c 27 N83-31855 *
US-PATENT-CLASS-427-221 ..... c 27 N81-19296 *
US-PATENT-CLASS-427-226 ..... c 33 N84-16456 *
US-PATENT-CLASS-427-226 ..... c 44 N84-28205 *
US-PATENT-CLASS-427-228 ..... c 26 N85-35267 *
US-PATENT-CLASS-427-229 ..... c 25 N78-10225 *
US-PATENT-CLASS-427-229 ..... c 37 N87-21334 *
US-PATENT-CLASS-427-230 ..... c 37 N76-31524 *
US-PATENT-CLASS-427-240 ..... c 37 N81-33482 *
US-PATENT-CLASS-427-241 ..... c 24 N83-33950 *
US-PATENT-CLASS-427-243 ..... c 31 N83-35177 *
US-PATENT-CLASS-427-244 ..... c 25 N82-21268 *
US-PATENT-CLASS-427-245 ..... c 27 N80-23452 *
US-PATENT-CLASS-427-245 ..... c 31 N88-29052 *
US-PATENT-CLASS-427-246 ..... c 25 N82-21268 *
US-PATENT-CLASS-427-247 ..... c 31 N83-35177 *
US-PATENT-CLASS-427-248.1 .... c 27 N86-19458 *
US-PATENT-CLASS-427-248E .... c 37 N78-13436 *
US-PATENT-CLASS-427-248J .... c 44 N78-24609 *
US-PATENT-CLASS-427-248 ..... c 44 N76-28635 *
US-PATENT-CLASS-427-249 ..... c 44 N76-28635 *
US-PATENT-CLASS-427-249 ..... c 44 N78-24609 *
US-PATENT-CLASS-427-250 ..... c 12 N76-15189 *
US-PATENT-CLASS-427-250 ..... c 44 N76-28635 *
US-PATENT-CLASS-427-250 ..... c 37 N78-13436 *
US-PATENT-CLASS-427-253 ..... c 27 N82-28441 *
US-PATENT-CLASS-427-255 ..... c 37 N78-13436 *
US-PATENT-CLASS-427-261 ..... c 44 N78-25527 *
US-PATENT-CLASS-427-261 ..... c 44 N79-11472 *
US-PATENT-CLASS-427-270 ..... c 27 N76-16229 *
US-PATENT-CLASS-427-272 ..... c 31 N90-19427 *
US-PATENT-CLASS-427-272 ..... c 24 N90-25197 *
US-PATENT-CLASS-427-275 ..... c 27 N76-16229 *
US-PATENT-CLASS-427-282 ..... c 24 N90-25197 *
US-PATENT-CLASS-427-287 ..... c 27 N76-16229 *
US-PATENT-CLASS-427-290 ..... c 24 N90-25197 *
US-PATENT-CLASS-427-292 ..... c 24 N79-17916 *
US-PATENT-CLASS-427-292 ..... c 24 N83-13172 *
US-PATENT-CLASS-427-294 ..... c 27 N79-14214 *
US-PATENT-CLASS-427-294 ..... c 26 N85-35267 *
US-PATENT-CLASS-427-294 ..... c 24 N92-16025 *
US-PATENT-CLASS-427-296 ..... c 26 N84-22734 *
US-PATENT-CLASS-427-2 ..... c 52 N90-20616 *
US-PATENT-CLASS-427-302 ..... c 74 N78-32854 *
US-PATENT-CLASS-427-302 ..... c 24 N83-13172 *
US-PATENT-CLASS-427-306 ..... c 26 N84-22734 *
US-PATENT-CLASS-427-318 ..... c 26 N83-31795 *
US-PATENT-CLASS-427-322 ..... c 34 N77-18382 *
US-PATENT-CLASS-427-322 ..... c 74 N78-32854 *
US-PATENT-CLASS-427-322 ..... c 27 N83-34039 *
US-PATENT-CLASS-427-327 ..... c 24 N79-17916 *
US-PATENT-CLASS-427-328 ..... c 24 N79-17916 *
US-PATENT-CLASS-427-340 ..... c 27 N83-34039 *
US-PATENT-CLASS-427-343 ..... c 44 N79-11472 *
US-PATENT-CLASS-427-343 ..... c 76 N92-10681 *
US-PATENT-CLASS-427-346 ..... c 71 N84-16940 *
US-PATENT-CLASS-427-34 ..... c 34 N78-18355 *
US-PATENT-CLASS-427-34 ..... c 24 N79-17916 *
US-PATENT-CLASS-427-34 ..... c 27 N82-29453 *
US-PATENT-CLASS-427-34 ..... c 27 N83-31855 *
US-PATENT-CLASS-427-34 ..... c 31 N83-35177 *
US-PATENT-CLASS-427-34 ..... c 37 N84-22957 *
US-PATENT-CLASS-427-34 ..... c 26 N84-27855 *
US-PATENT-CLASS-427-34 ..... c 75 N91-25875 *
US-PATENT-CLASS-427-350 ..... c 24 N79-25142 *
US-PATENT-CLASS-427-352 ..... c 27 N83-34039 *
US-PATENT-CLASS-427-355 ..... c 24 N79-17916 *
US-PATENT-CLASS-427-372.2 .... c 27 N82-33520 *
US-PATENT-CLASS-427-372.2 .... c 44 N84-28205 *
US-PATENT-CLASS-427-372A .... c 24 N79-25142 *
US-PATENT-CLASS-427-375 ..... c 24 N92-10070 *
US-PATENT-CLASS-427-376.2 .... c 26 N85-35267 *
US-PATENT-CLASS-427-376.6 .... c 33 N84-16456 *
US-PATENT-CLASS-427-376.7 .... c 33 N84-16456 *
US-PATENT-CLASS-427-376A .... c 27 N78-32260 *
US-PATENT-CLASS-427-376B .... c 27 N78-32260 *
US-PATENT-CLASS-427-376B .... c 24 N79-17916 *
US-PATENT-CLASS-427-376C .... c 24 N79-17916 *
US-PATENT-CLASS-427-376 ..... c 27 N76-22377 *
US-PATENT-CLASS-427-376 ..... c 27 N76-23426 *
US-PATENT-CLASS-427-379 ..... c 27 N76-22377 *
US-PATENT-CLASS-427-379 ..... c 27 N76-23426 *
US-PATENT-CLASS-427-379 ..... c 27 N78-32260 *
US-PATENT-CLASS-427-379 ..... c 27 N81-19296 *
US-PATENT-CLASS-427-379 ..... c 24 N83-13171 *
US-PATENT-CLASS-427-379 ..... c 24 N83-13172 *
US-PATENT-CLASS-427-379 ..... c 44 N84-28205 *
US-PATENT-CLASS-427-37 ..... c 24 N85-30027 *
US-PATENT-CLASS-427-380 ..... c 27 N76-22377 *
US-PATENT-CLASS-427-380 ..... c 27 N76-23426 *
US-PATENT-CLASS-427-380 ..... c 27 N78-32260 *
US-PATENT-CLASS-427-380 ..... c 44 N84-28205 *
US-PATENT-CLASS-427-380 ..... c 26 N85-35267 *
US-PATENT-CLASS-427-384 ..... c 24 N83-13171 *
US-PATENT-CLASS-427-384 ..... c 24 N83-13172 *
US-PATENT-CLASS-427-385.5 .... c 27 N81-14078 *
US-PATENT-CLASS-427-385.5 .... c 27 N86-20561 *
US-PATENT-CLASS-427-385B .... c 44 N78-25530 *
US-PATENT-CLASS-427-385C .... c 44 N78-25530 *
US-PATENT-CLASS-427-386 ..... c 24 N78-27180 *
US-PATENT-CLASS-427-387 ..... c 74 N78-32854 *
US-PATENT-CLASS-427-387 ..... c 24 N83-13171 *
US-PATENT-CLASS-427-387 ..... c 24 N83-13172 *
US-PATENT-CLASS-427-388.1 .... c 27 N86-20561 *
US-PATENT-CLASS-427-388A .... c 24 N78-27180 *
US-PATENT-CLASS-427-38 ..... c 74 N78-32854 *
US-PATENT-CLASS-427-38 ..... c 27 N80-24437 *

US-PATENT-CLASS-427-38 ..... c 26 N85-29005 *
US-PATENT-CLASS-427-38 ..... c 27 N86-19458 *
US-PATENT-CLASS-427-38 ..... c 26 N88-14179 *
US-PATENT-CLASS-427-38 ..... c 74 N92-29158 *
US-PATENT-CLASS-427-393.3 .... c 27 N82-16238 *
US-PATENT-CLASS-427-397.7 .... c 27 N82-33520 *
US-PATENT-CLASS-427-397.7 .... c 26 N85-35267 *
US-PATENT-CLASS-427-398A .... c 44 N79-11472 *
US-PATENT-CLASS-427-399 ..... c 44 N79-11472 *
US-PATENT-CLASS-427-399 ..... c 36 N84-22944 *
US-PATENT-CLASS-427-39 ..... c 24 N85-21267 *
US-PATENT-CLASS-427-39 ..... c 31 N86-32587 *
US-PATENT-CLASS-427-400 ..... c 27 N83-34039 *
US-PATENT-CLASS-427-402 ..... c 27 N76-22377 *
US-PATENT-CLASS-427-402 ..... c 27 N76-23426 *
US-PATENT-CLASS-427-405 ..... c 34 N78-18355 *
US-PATENT-CLASS-427-405 ..... c 27 N82-28441 *
US-PATENT-CLASS-427-405 ..... c 27 N83-31855 *
US-PATENT-CLASS-427-405 ..... c 26 N84-27855 *
US-PATENT-CLASS-427-407.1 .... c 27 N83-34039 *
US-PATENT-CLASS-427-40 ..... c 27 N78-31233 *
US-PATENT-CLASS-427-40 ..... c 27 N79-18052 *
US-PATENT-CLASS-427-40 ..... c 27 N80-24437 *
US-PATENT-CLASS-427-419.1 .... c 76 N92-22040 *
US-PATENT-CLASS-427-419.2 .... c 26 N83-31795 *
US-PATENT-CLASS-427-419.2 .... c 26 N84-27855 *
US-PATENT-CLASS-427-419.2 .... c 76 N92-22040 *
US-PATENT-CLASS-427-419A .... c 34 N78-18355 *
US-PATENT-CLASS-427-41 ..... c 27 N78-31233 *
US-PATENT-CLASS-427-41 ..... c 74 N78-32854 *
US-PATENT-CLASS-427-41 ..... c 27 N79-14214 *
US-PATENT-CLASS-427-41 ..... c 27 N79-18052 *
US-PATENT-CLASS-427-41 ..... c 27 N80-23452 *
US-PATENT-CLASS-427-421 ..... c 71 N84-16940 *
US-PATENT-CLASS-427-421 ..... c 26 N86-32550 *
US-PATENT-CLASS-427-422 ..... c 24 N85-30027 *
US-PATENT-CLASS-427-423 ..... c 34 N78-18355 *
US-PATENT-CLASS-427-423 ..... c 27 N82-29453 *
US-PATENT-CLASS-427-423 ..... c 27 N83-31855 *
US-PATENT-CLASS-427-423 ..... c 31 N83-35177 *
US-PATENT-CLASS-427-423 ..... c 37 N84-22957 *
US-PATENT-CLASS-427-425 ..... c 37 N82-24492 *
US-PATENT-CLASS-427-426 ..... c 27 N76-15310 *
US-PATENT-CLASS-427-426 ..... c 71 N84-16940 *
US-PATENT-CLASS-427-427 ..... c 24 N78-24290 *
US-PATENT-CLASS-427-427 ..... c 26 N86-32550 *
US-PATENT-CLASS-427-429 ..... c 27 N81-14078 *
US-PATENT-CLASS-427-436 ..... c 33 N84-16456 *
US-PATENT-CLASS-427-437 ..... c 33 N84-16456 *
US-PATENT-CLASS-427-443.2 .... c 25 N84-12262 *
US-PATENT-CLASS-427-443.2 .... c 24 N92-16025 *
US-PATENT-CLASS-427-443 ..... c 44 N84-28205 *
US-PATENT-CLASS-427-44 ..... c 74 N78-32854 *
US-PATENT-CLASS-427-44 ..... c 27 N80-32516 *
US-PATENT-CLASS-427-47 ..... c 44 N77-32583 *
US-PATENT-CLASS-427-47 ..... c 26 N85-29005 *
US-PATENT-CLASS-427-4 ..... c 51 N77-27677 *
US-PATENT-CLASS-427-53.1 ..... c 36 N84-22944 *
US-PATENT-CLASS-427-53.1 ..... c 37 N84-22957 *
US-PATENT-CLASS-427-531 ..... c 44 N82-28780 *
US-PATENT-CLASS-427-57 ..... c 71 N84-16940 *
US-PATENT-CLASS-427-58 ..... c 33 N84-16456 *
US-PATENT-CLASS-427-62 ..... c 76 N92-10681 *
US-PATENT-CLASS-427-62 ..... c 76 N92-22040 *
US-PATENT-CLASS-427-63 ..... c 76 N92-22040 *
US-PATENT-CLASS-427-66 ..... c 74 N92-29158 *
US-PATENT-CLASS-427-68 ..... c 74 N92-29158 *
US-PATENT-CLASS-427-6 ..... c 71 N84-16940 *
US-PATENT-CLASS-427-74 ..... c 44 N82-28780 *
US-PATENT-CLASS-427-75 ..... c 44 N78-25527 *
US-PATENT-CLASS-427-75 ..... c 44 N79-11468 *
US-PATENT-CLASS-427-75 ..... c 44 N79-11472 *
US-PATENT-CLASS-427-75 ..... c 33 N84-16456 *
US-PATENT-CLASS-427-84 ..... c 44 N79-11472 *
US-PATENT-CLASS-427-85 ..... c 44 N85-20530 *
US-PATENT-CLASS-427-86 ..... c 44 N76-28635 *
US-PATENT-CLASS-427-86 ..... c 44 N78-24609 *
US-PATENT-CLASS-427-88 ..... c 44 N79-31752 *
US-PATENT-CLASS-427-88 ..... c 44 N83-13579 *
US-PATENT-CLASS-427-88 ..... c 33 N84-16456 *
US-PATENT-CLASS-427-89 ..... c 44 N83-13579 *
US-PATENT-CLASS-427-90 ..... c 44 N83-13579 *
US-PATENT-CLASS-427-91 ..... c 44 N83-13579 *
US-PATENT-CLASS-427-95 ..... c 25 N79-28253 *
US-PATENT-CLASS-427-96 ..... c 33 N84-16456 *
US-PATENT-CLASS-428-109 ..... c 27 N76-14264 *
US-PATENT-CLASS-428-109 ..... c 33 N79-12331 *
US-PATENT-CLASS-428-113 ..... c 24 N81-14000 *
US-PATENT-CLASS-428-114 ..... c 24 N81-13999 *
US-PATENT-CLASS-428-114 ..... c 24 N81-14000 *
US-PATENT-CLASS-428-116 ..... c 24 N78-10214 *
US-PATENT-CLASS-428-116 ..... c 24 N78-17149 *
US-PATENT-CLASS-428-116 ..... c 24 N86-28131 *
US-PATENT-CLASS-428-117 ..... c 37 N76-24575 *
US-PATENT-CLASS-428-117 ..... c 24 N78-15180 *
US-PATENT-CLASS-428-117 ..... c 24 N79-16915 *
US-PATENT-CLASS-428-119 ..... c 24 N79-16915 *
US-PATENT-CLASS-428-133 ..... c 37 N79-10422 *
US-PATENT-CLASS-428-137 ..... c 24 N79-25142 *
US-PATENT-CLASS-428-138 ..... c 24 N78-10214 *
US-PATENT-CLASS-428-139 ..... c 23 N81-29160 *
US-PATENT-CLASS-428-140 ..... c 24 N81-14000 *
US-PATENT-CLASS-428-141 ..... c 24 N77-28225 *
US-PATENT-CLASS-428-141 ..... c 27 N82-28440 *
US-PATENT-CLASS-428-141 ..... c 27 N82-33521 *
US-PATENT-CLASS-428-155 ..... c 37 N84-22957 *
US-PATENT-CLASS-428-161 ..... c 24 N77-28225 *
US-PATENT-CLASS-428-182 ..... c 18 N84-33450 *
US-PATENT-CLASS-428-182 ..... c 31 N89-12786 *
US-PATENT-CLASS-428-184 ..... c 18 N84-33450 *
US-PATENT-CLASS-428-189 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-192 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-193 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-202 ..... c 27 N84-14323 *
US-PATENT-CLASS-428-212 ..... c 27 N76-14264 *
US-PATENT-CLASS-428-212 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-212 ..... c 27 N82-29456 *
US-PATENT-CLASS-428-212 ..... c 24 N92-21725 *
US-PATENT-CLASS-428-213 ..... c 24 N92-21725 *
US-PATENT-CLASS-428-214 ..... c 27 N76-14264 *
US-PATENT-CLASS-428-215 ..... c 27 N92-10091 *
US-PATENT-CLASS-428-216 ..... c 76 N90-24168 *
US-PATENT-CLASS-428-218 ..... c 27 N82-29456 *
US-PATENT-CLASS-428-218 ..... c 24 N83-13171 *
US-PATENT-CLASS-428-220 ..... c 15 N79-26100 *
US-PATENT-CLASS-428-241 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-241 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-242 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-244 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-245 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-245 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-246 ..... c 27 N84-14322 *
US-PATENT-CLASS-428-246 ..... c 03 N84-33394 *
US-PATENT-CLASS-428-247 ..... c 33 N79-12331 *
US-PATENT-CLASS-428-247 ..... c 33 N82-26571 *
US-PATENT-CLASS-428-251 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-252 ..... c 54 N90-25498 *
US-PATENT-CLASS-428-257 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-258 ..... c 33 N79-12331 *
US-PATENT-CLASS-428-259 ..... c 33 N79-12331 *
US-PATENT-CLASS-428-260 ..... c 27 N81-27272 *
US-PATENT-CLASS-428-260 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-260 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-260 ..... c 27 N84-14322 *
US-PATENT-CLASS-428-260 ..... c 27 N85-34281 *
US-PATENT-CLASS-428-262 ..... c 27 N87-14516 *
US-PATENT-CLASS-428-263 ..... c 27 N82-16238 *
US-PATENT-CLASS-428-264 ..... c 27 N82-16238 *
US-PATENT-CLASS-428-265 ..... c 27 N82-16238 *
US-PATENT-CLASS-428-266 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-267 ..... c 27 N82-16238 *
US-PATENT-CLASS-428-272 ..... c 27 N82-16238 *
US-PATENT-CLASS-428-280 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-280 ..... c 03 N84-33394 *
US-PATENT-CLASS-428-282 ..... c 24 N79-25142 *
US-PATENT-CLASS-428-283 ..... c 24 N82-29362 *
US-PATENT-CLASS-428-283 ..... c 27 N82-29456 *
US-PATENT-CLASS-428-284 ..... c 24 N82-29362 *
US-PATENT-CLASS-428-285 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-285 ..... c 24 N91-31236 *
US-PATENT-CLASS-428-286 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-286 ..... c 24 N82-29362 *
US-PATENT-CLASS-428-287 ..... c 24 N82-29362 *
US-PATENT-CLASS-428-287 ..... c 03 N84-33394 *
US-PATENT-CLASS-428-288 ..... c 24 N82-29362 *
US-PATENT-CLASS-428-288 ..... c 27 N89-29538 *
US-PATENT-CLASS-428-289 ..... c 27 N82-29456 *
US-PATENT-CLASS-428-290 ..... c 24 N78-15180 *
US-PATENT-CLASS-428-290 ..... c 24 N79-25142 *
US-PATENT-CLASS-428-290 ..... c 27 N87-28657 *
US-PATENT-CLASS-428-290 ..... c 54 N90-25498 *
US-PATENT-CLASS-428-294 ..... c 24 N78-17150 *
US-PATENT-CLASS-428-294 ..... c 76 N83-34796 *
US-PATENT-CLASS-428-301 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-302 ..... c 24 N78-17150 *
US-PATENT-CLASS-428-303 ..... c 27 N76-15310 *
US-PATENT-CLASS-428-304.4 .... c 03 N84-33394 *
US-PATENT-CLASS-428-307.7 .... c 27 N82-29456 *
US-PATENT-CLASS-428-307.7 .... c 24 N92-16026 *
US-PATENT-CLASS-428-311.5 .... c 27 N82-29456 *
US-PATENT-CLASS-428-312.6 .... c 27 N82-29456 *
US-PATENT-CLASS-428-312.6 .... c 44 N83-34448 *
US-PATENT-CLASS-428-312 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-313 ..... c 24 N78-27180 *
US-PATENT-CLASS-428-315.5 .... c 25 N92-33009 *
US-PATENT-CLASS-428-315.7 .... c 25 N92-33009 *
US-PATENT-CLASS-428-317.9 .... c 27 N82-29456 *
US-PATENT-CLASS-428-319.1 .... c 03 N84-33394 *
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US-PATENT-CLASS-428-325 ..... c 27 N82-29456 *
US-PATENT-CLASS-428-325 ..... c 44 N83-34448 *
US-PATENT-CLASS-428-325 ..... c 24 N92-16026 *
US-PATENT-CLASS-428-328 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-328 ..... c 54 N90-25498 *
US-PATENT-CLASS-428-331 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-331 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-332 ..... c 27 N76-22377 *
US-PATENT-CLASS-428-332 ..... c 27 N76-23426 *
US-PATENT-CLASS-428-332 ..... c 24 N78-27180 *
US-PATENT-CLASS-428-332 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-332 ..... c 24 N79-25142 *
US-PATENT-CLASS-428-332 ..... c 27 N82-24340 *
US-PATENT-CLASS-428-334 ..... c 74 N78-15879 *
US-PATENT-CLASS-428-336 ..... c 74 N78-15879 *
US-PATENT-CLASS-428-336 ..... c 27 N86-31727 *
US-PATENT-CLASS-428-339 ..... c 27 N82-24340 *
US-PATENT-CLASS-428-341 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-347 ..... c 27 N84-14323 *
US-PATENT-CLASS-428-35.9 ..... c 24 N90-25196 *
US-PATENT-CLASS-428-35 ..... c 34 N77-18382 *
US-PATENT-CLASS-428-366 ..... c 24 N79-24062 *
US-PATENT-CLASS-428-367 ..... c 27 N81-27272 *
US-PATENT-CLASS-428-367 ..... c 24 N83-33950 *
US-PATENT-CLASS-428-367 ..... c 27 N84-14322 *
US-PATENT-CLASS-428-367 ..... c 27 N87-28656 *
US-PATENT-CLASS-428-367 ..... c 27 N89-29538 *
US-PATENT-CLASS-428-367 ..... c 24 N90-25196 *
US-PATENT-CLASS-428-368 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-368 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-370 ..... c 27 N84-22745 *
US-PATENT-CLASS-428-375 ..... c 24 N79-16915 *
US-PATENT-CLASS-428-375 ..... c 24 N83-33950 *
US-PATENT-CLASS-428-375 ..... c 27 N89-29538 *
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US-PATENT-CLASS-428-379 ..... c 24 N90-25196 *
US-PATENT-CLASS-428-390 ..... c 27 N89-29538 *
US-PATENT-CLASS-428-392 ..... c 24 N83-33950 *
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US-PATENT-CLASS-428-404 ..... c 25 N92-33009 *
US-PATENT-CLASS-428-405 ..... c 27 N92-25397 *
US-PATENT-CLASS-428-406 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-407 ..... c 27 N92-25397 *
US-PATENT-CLASS-428-408 ..... c 27 N81-27272 *
US-PATENT-CLASS-428-408 ..... c 27 N84-14322 *
US-PATENT-CLASS-428-408 ..... c 27 N84-22745 *
US-PATENT-CLASS-428-408 ..... c 27 N85-34281 *
US-PATENT-CLASS-428-408 ..... c 24 N86-28131 *
US-PATENT-CLASS-428-408 ..... c 27 N89-29538 *
US-PATENT-CLASS-428-408 ..... c 52 N90-20616 *
US-PATENT-CLASS-428-40 ..... c 27 N84-14323 *
US-PATENT-CLASS-428-410 ..... c 23 N86-19376 *
US-PATENT-CLASS-428-411 ..... c 27 N78-14164 *
US-PATENT-CLASS-428-411 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-411 ..... c 27 N79-14214 *
US-PATENT-CLASS-428-412 ..... c 27 N76-16230 *
US-PATENT-CLASS-428-412 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-412 ..... c 74 N78-32854 *
US-PATENT-CLASS-428-412 ..... c 27 N79-18052 *
US-PATENT-CLASS-428-412 ..... c 27 N92-10091 *
US-PATENT-CLASS-428-413 ..... c 27 N76-16230 *
US-PATENT-CLASS-428-413 ..... c 15 N79-26100 *
US-PATENT-CLASS-428-413 ..... c 24 N81-14000 *
US-PATENT-CLASS-428-413 ..... c 27 N85-34281 *
US-PATENT-CLASS-428-413 ..... c 27 N87-25469 *
US-PATENT-CLASS-428-414 ..... c 15 N79-26100 *
US-PATENT-CLASS-428-416 ..... c 27 N76-14264 *
US-PATENT-CLASS-428-417 ..... c 27 N87-25469 *
US-PATENT-CLASS-428-418 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-418 ..... c 15 N79-26100 *
US-PATENT-CLASS-428-419 ..... c 27 N92-10091 *
US-PATENT-CLASS-428-421 ..... c 34 N77-18382 *
US-PATENT-CLASS-428-421 ..... c 15 N79-26100 *
US-PATENT-CLASS-428-421 ..... c 27 N80-24437 *
US-PATENT-CLASS-428-421 ..... c 76 N83-34796 *
US-PATENT-CLASS-428-421 ..... c 27 N87-16909 *
US-PATENT-CLASS-428-421 ..... c 27 N87-23736 *
US-PATENT-CLASS-428-422 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-422 ..... c 76 N83-34796 *
US-PATENT-CLASS-428-422 ..... c 27 N87-23736 *
US-PATENT-CLASS-428-422 ..... c 54 N90-25498 *
US-PATENT-CLASS-428-423.5 .... c 03 N84-33394 *
US-PATENT-CLASS-428-425 ..... c 24 N77-28225 *
US-PATENT-CLASS-428-426 ..... c 74 N78-15879 *
US-PATENT-CLASS-428-426 ..... c 24 N92-21725 *
US-PATENT-CLASS-428-427 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-427 ..... c 44 N83-34448 *
US-PATENT-CLASS-428-428 ..... c 27 N76-22377 *
US-PATENT-CLASS-428-428 ..... c 27 N76-23426 *
US-PATENT-CLASS-428-428 ..... c 74 N78-15879 *
US-PATENT-CLASS-428-428 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-428 ..... c 44 N83-34448 *
US-PATENT-CLASS-428-432 ..... c 27 N84-33589 *
US-PATENT-CLASS-428-432 ..... c 76 N85-33826 *
US-PATENT-CLASS-428-432 ..... c 24 N92-21725 *
US-PATENT-CLASS-428-433 ..... c 24 N92-21725 *
US-PATENT-CLASS-428-446 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-446 ..... c 27 N82-29456 *
US-PATENT-CLASS-428-446 ..... c 27 N86-19458 *

US-PATENT-CLASS-428-446 ..... c 24 N92-16026 *
US-PATENT-CLASS-428-447 ..... c 27 N76-14264 *
US-PATENT-CLASS-428-447 ..... c 27 N76-16230 *
US-PATENT-CLASS-428-447 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-447 ..... c 74 N78-32854 *
US-PATENT-CLASS-428-447 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-447 ..... c 27 N79-18052 *
US-PATENT-CLASS-428-447 ..... c 24 N79-25142 *
US-PATENT-CLASS-428-447 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-447 ..... c 27 N87-14516 *
US-PATENT-CLASS-428-447 ..... c 27 N87-23736 *
US-PATENT-CLASS-428-447 ..... c 54 N90-25498 *
US-PATENT-CLASS-428-448 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-44 ..... c 24 N88-18628 *
US-PATENT-CLASS-428-44 ..... c 27 N89-12741 *
US-PATENT-CLASS-428-450 ..... c 27 N76-16229 *
US-PATENT-CLASS-428-450 ..... c 27 N76-22377 *
US-PATENT-CLASS-428-450 ..... c 27 N76-23426 *
US-PATENT-CLASS-428-450 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-450 ..... c 26 N83-31795 *
US-PATENT-CLASS-428-450 ..... c 76 N90-24168 *
US-PATENT-CLASS-428-451 ..... c 27 N79-18052 *
US-PATENT-CLASS-428-457 ..... c 27 N76-16229 *
US-PATENT-CLASS-428-457 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-457 ..... c 24 N77-28225 *
US-PATENT-CLASS-428-457 ..... c 26 N82-30371 *
US-PATENT-CLASS-428-457 ..... c 76 N90-24168 *
US-PATENT-CLASS-428-458 ..... c 24 N77-28225 *
US-PATENT-CLASS-428-458 ..... c 24 N79-16915 *
US-PATENT-CLASS-428-458 ..... c 27 N86-20561 *
US-PATENT-CLASS-428-458 ..... c 54 N90-25498 *
US-PATENT-CLASS-428-458 ..... c 27 N92-10091 *
US-PATENT-CLASS-428-461 ..... c 34 N77-18382 *
US-PATENT-CLASS-428-462 ..... c 27 N82-24340 *
US-PATENT-CLASS-428-466 ..... c 27 N82-24340 *
US-PATENT-CLASS-428-469 ..... c 27 N76-16229 *
US-PATENT-CLASS-428-469 ..... c 26 N83-31795 *
US-PATENT-CLASS-428-469 ..... c 24 N92-21725 *
US-PATENT-CLASS-428-471 ..... c 26 N81-25188 *
US-PATENT-CLASS-428-472.2 .... c 24 N92-21725 *
US-PATENT-CLASS-428-472 ..... c 26 N82-30371 *
US-PATENT-CLASS-428-473.5 .... c 27 N81-14078 *
US-PATENT-CLASS-428-473.5 .... c 27 N81-29229 *
US-PATENT-CLASS-428-473.5 .... c 27 N84-14322 *
US-PATENT-CLASS-428-473.5 .... c 27 N86-19458 *
US-PATENT-CLASS-428-473.5 .... c 27 N86-20561 *
US-PATENT-CLASS-428-473.5 .... c 24 N86-25416 *
US-PATENT-CLASS-428-473.5 .... c 27 N86-31726 * #
US-PATENT-CLASS-428-473.5 .... c 27 N86-31727 *
US-PATENT-CLASS-428-473.5 .... c 27 N87-16909 *
US-PATENT-CLASS-428-473.5 .... c 27 N87-23736 *
US-PATENT-CLASS-428-474 ..... c 34 N77-18382 *
US-PATENT-CLASS-428-474.4 .... c 24 N86-25416 *
US-PATENT-CLASS-428-474.4 .... c 54 N90-25498 *
US-PATENT-CLASS-428-474 ..... c 27 N79-33316 *
US-PATENT-CLASS-428-474 ..... c 27 N80-24437 *
US-PATENT-CLASS-428-477.7 .... c 24 N86-25416 *
US-PATENT-CLASS-428-47 ..... c 27 N89-12741 *
US-PATENT-CLASS-428-480 ..... c 24 N81-14000 *
US-PATENT-CLASS-428-493 ..... c 27 N82-24340 *
US-PATENT-CLASS-428-49 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-49 ..... c 27 N82-29456 *
US-PATENT-CLASS-428-500 ..... c 27 N80-32516 *
US-PATENT-CLASS-428-500 ..... c 27 N87-16909 *
US-PATENT-CLASS-428-515 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-522 ..... c 27 N78-14164 *
US-PATENT-CLASS-428-523 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-528 ..... c 24 N81-13999 *
US-PATENT-CLASS-428-538 ..... c 27 N76-22377 *
US-PATENT-CLASS-428-538 ..... c 27 N76-23426 *
US-PATENT-CLASS-428-538 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-539 ..... c 27 N76-16229 *
US-PATENT-CLASS-428-541 ..... c 24 N81-13999 *
US-PATENT-CLASS-428-551 ..... c 24 N90-23493 *
US-PATENT-CLASS-428-552 ..... c 24 N90-23493 *
US-PATENT-CLASS-428-564 ..... c 26 N84-33555 *
US-PATENT-CLASS-428-58 ..... c 27 N89-12741 *
US-PATENT-CLASS-428-593 ..... c 24 N82-24296 *
US-PATENT-CLASS-428-593 ..... c 24 N84-11214 *
US-PATENT-CLASS-428-594 ..... c 24 N82-24296 *
US-PATENT-CLASS-428-594 ..... c 24 N82-32417 *
US-PATENT-CLASS-428-595 ..... c 18 N84-33450 *
US-PATENT-CLASS-428-604 ..... c 24 N82-24296 *
US-PATENT-CLASS-428-604 ..... c 24 N82-32417 *
US-PATENT-CLASS-428-607 ..... c 24 N82-32417 *
US-PATENT-CLASS-428-607 ..... c 26 N87-25455 *
US-PATENT-CLASS-428-607 ..... c 24 N90-23480 *
US-PATENT-CLASS-428-608 ..... c 24 N82-32417 *
US-PATENT-CLASS-428-614 ..... c 27 N92-29090 *
US-PATENT-CLASS-428-623 ..... c 27 N83-31855 *
US-PATENT-CLASS-428-623 ..... c 24 N90-23480 *
US-PATENT-CLASS-428-627 ..... c 24 N90-23480 *
US-PATENT-CLASS-428-629 ..... c 44 N80-16452 *
US-PATENT-CLASS-428-632 ..... c 26 N81-25188 *
US-PATENT-CLASS-428-632 ..... c 26 N84-27855 *
US-PATENT-CLASS-428-632 ..... c 26 N87-25455 *
US-PATENT-CLASS-428-632 ..... c 24 N90-23480 *
US-PATENT-CLASS-428-633 ..... c 34 N78-18355 *
US-PATENT-CLASS-428-633 ..... c 27 N83-31855 *
US-PATENT-CLASS-428-633 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-633 ..... c 24 N85-35233 *
US-PATENT-CLASS-428-639 ..... c 26 N84-33555 *
US-PATENT-CLASS-428-63 ..... c 24 N83-13172 *
US-PATENT-CLASS-428-641 ..... c 26 N83-31795 *
US-PATENT-CLASS-428-641 ..... c 76 N90-19884 *
US-PATENT-CLASS-428-650 ..... c 44 N80-16452 *
US-PATENT-CLASS-428-650 ..... c 26 N83-31795 *
US-PATENT-CLASS-428-651 ..... c 26 N87-25455 *
US-PATENT-CLASS-428-652 ..... c 34 N78-18355 *
US-PATENT-CLASS-428-652 ..... c 44 N78-19599 *
US-PATENT-CLASS-428-656 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-656 ..... c 24 N85-35233 *
US-PATENT-CLASS-428-658 ..... c 44 N80-16452 *
US-PATENT-CLASS-428-660 ..... c 26 N87-25455 *
US-PATENT-CLASS-428-660 ..... c 27 N92-29090 *
US-PATENT-CLASS-428-661 ..... c 27 N92-29090 *
US-PATENT-CLASS-428-666 ..... c 24 N90-23480 *
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US-PATENT-CLASS-428-667 ..... c 44 N78-19599 *
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US-PATENT-CLASS-428-678 ..... c 27 N83-31855 *
US-PATENT-CLASS-428-678 ..... c 26 N84-33555 *
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US-PATENT-CLASS-428-679 ..... c 44 N78-19599 *
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US-PATENT-CLASS-428-679 ..... c 24 N85-35233 *
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US-PATENT-CLASS-428-681 ..... c 24 N85-21266 *
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US-PATENT-CLASS-428-682 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-682 ..... c 24 N85-35233 *
US-PATENT-CLASS-428-683 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-684 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-690 ..... c 76 N91-21911 *
US-PATENT-CLASS-428-698 ..... c 76 N85-33826 *
US-PATENT-CLASS-428-698 ..... c 26 N85-35267 *
US-PATENT-CLASS-428-698 ..... c 27 N89-29538 *
US-PATENT-CLASS-428-702 ..... c 27 N86-19458 *
US-PATENT-CLASS-428-702 ..... c 27 N87-23736 *
US-PATENT-CLASS-428-704 ..... c 26 N85-35267 *
US-PATENT-CLASS-428-704 ..... c 27 N87-16909 *
US-PATENT-CLASS-428-71 ..... c 24 N78-15180 *
US-PATENT-CLASS-428-71 ..... c 03 N84-33394 *
US-PATENT-CLASS-428-71 ..... c 27 N89-12741 *
US-PATENT-CLASS-428-73 ..... c 24 N78-10214 *
US-PATENT-CLASS-428-73 ..... c 24 N78-15180 *
US-PATENT-CLASS-428-73 ..... c 24 N79-16915 *
US-PATENT-CLASS-428-74 ..... c 24 N88-18628 *
US-PATENT-CLASS-428-76 ..... c 03 N84-33394 *
US-PATENT-CLASS-428-76 ..... c 24 N88-18628 *
US-PATENT-CLASS-428-76 ..... c 27 N89-12741 *
US-PATENT-CLASS-428-77 ..... c 27 N76-14264 *
US-PATENT-CLASS-428-77 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-78 ..... c 27 N84-14323 *
US-PATENT-CLASS-428-901 ..... c 76 N90-24168 *
US-PATENT-CLASS-428-902 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-902 ..... c 24 N78-10214 *
US-PATENT-CLASS-428-902 ..... c 24 N78-17149 *
US-PATENT-CLASS-428-902 ..... c 24 N81-14000 *
US-PATENT-CLASS-428-902 ..... c 31 N81-25258 *
US-PATENT-CLASS-428-902 ..... c 27 N81-27272 *
US-PATENT-CLASS-428-902 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-902 ..... c 24 N83-33950 *
US-PATENT-CLASS-428-902 ..... c 27 N84-14322 *
US-PATENT-CLASS-428-902 ..... c 27 N84-22745 *
US-PATENT-CLASS-428-903 ..... c 24 N83-33950 *
US-PATENT-CLASS-428-911 ..... c 27 N76-16230 *
US-PATENT-CLASS-428-911 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-913 ..... c 34 N78-25350 *
US-PATENT-CLASS-428-913 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-913 ..... c 76 N85-33826 *
US-PATENT-CLASS-428-920 ..... c 27 N76-16230 *
US-PATENT-CLASS-428-920 ..... c 27 N76-22377 *
US-PATENT-CLASS-428-920 ..... c 27 N76-23426 *
US-PATENT-CLASS-428-920 ..... c 24 N78-15180 *
US-PATENT-CLASS-428-920 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-920 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-920 ..... c 24 N79-25142 *
US-PATENT-CLASS-428-920 ..... c 15 N79-26100 *
US-PATENT-CLASS-428-920 ..... c 27 N81-27272 *
US-PATENT-CLASS-428-920 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-920 ..... c 27 N84-14322 *
US-PATENT-CLASS-428-920 ..... c 27 N84-22745 *
US-PATENT-CLASS-428-920 ..... c 24 N88-18628 *
US-PATENT-CLASS-428-920 ..... c 24 N92-16026 *
US-PATENT-CLASS-428-921 ..... c 27 N76-16230 *
US-PATENT-CLASS-428-921 ..... c 24 N78-27180 *
US-PATENT-CLASS-428-921 ..... c 24 N81-13999 *
US-PATENT-CLASS-428-921 ..... c 03 N84-33394 *
US-PATENT-CLASS-428-921 ..... c 24 N86-28131 *
US-PATENT-CLASS-428-922 ..... c 27 N78-14164 *
US-PATENT-CLASS-428-938 ..... c 27 N82-28441 *
US-PATENT-CLASS-428-93 ..... c 34 N78-25350 *
US-PATENT-CLASS-428-941 ..... c 27 N82-28441 *
US-PATENT-CLASS-428-94 ..... c 34 N78-25350 *
US-PATENT-CLASS-428-95 ..... c 34 N78-25350 *
US-PATENT-CLASS-428-96 ..... c 34 N78-25350 *
US-PATENT-CLASS-428-97 ..... c 34 N78-25350 *
US-PATENT-CLASS-429-101 ..... c 44 N79-17313 *
US-PATENT-CLASS-429-101 ..... c 44 N79-26474 *
US-PATENT-CLASS-429-101 ..... c 33 N80-20487 *
US-PATENT-CLASS-429-103 ..... c 33 N91-14538 *
US-PATENT-CLASS-429-104 ..... c 33 N91-14536 *
US-PATENT-CLASS-429-105 ..... c 44 N77-22606 *
US-PATENT-CLASS-429-105 ..... c 33 N80-20487 *
US-PATENT-CLASS-429-105 ..... c 44 N83-27344 *
US-PATENT-CLASS-429-107 ..... c 44 N77-22606 *
US-PATENT-CLASS-429-107 ..... c 33 N80-20487 *
US-PATENT-CLASS-429-107 ..... c 44 N83-27344 *
US-PATENT-CLASS-429-109 ..... c 33 N80-20487 *
US-PATENT-CLASS-429-109 ..... c 44 N83-27344 *
US-PATENT-CLASS-429-109 ..... c 44 N86-19721 *
US-PATENT-CLASS-429-111 ..... c 25 N84-12262 *
US-PATENT-CLASS-429-111 ..... c 44 N84-23019 *
US-PATENT-CLASS-429-11 ..... c 44 N92-16457 *
US-PATENT-CLASS-429-120 ..... c 44 N81-24521 *
US-PATENT-CLASS-429-120 ..... c 33 N91-14538 *
US-PATENT-CLASS-429-120 ..... c 44 N92-16457 *
US-PATENT-CLASS-429-139 ..... c 27 N80-32516 *
US-PATENT-CLASS-429-139 ..... c 27 N81-24257 *
US-PATENT-CLASS-429-13 ..... c 44 N79-10513 *
US-PATENT-CLASS-429-144 ..... c 44 N82-29708 *
US-PATENT-CLASS-429-144 ..... c 44 N83-32176 *
US-PATENT-CLASS-429-15 ..... c 44 N79-26474 *
US-PATENT-CLASS-429-15 ..... c 44 N86-19721 *
US-PATENT-CLASS-429-160 ..... c 44 N81-24521 *
US-PATENT-CLASS-429-164 ..... c 44 N81-24521 *
US-PATENT-CLASS-429-190 ..... c 44 N77-22606 *
US-PATENT-CLASS-429-192 ..... c 33 N92-28753 *
US-PATENT-CLASS-429-193 ..... c 44 N82-29710 *
US-PATENT-CLASS-429-19 ..... c 44 N86-19721 *
US-PATENT-CLASS-429-206 ..... c 25 N83-13188 *
US-PATENT-CLASS-429-206 ..... c 33 N84-14422 *
US-PATENT-CLASS-429-206 ..... c 33 N85-29144 *
US-PATENT-CLASS-429-213 ..... c 33 N91-14536 *
US-PATENT-CLASS-429-223 ..... c 26 N84-22734 *
US-PATENT-CLASS-429-223 ..... c 33 N91-27478 *
US-PATENT-CLASS-429-229 ..... c 33 N84-14422 *
US-PATENT-CLASS-429-234 ..... c 26 N84-22734 *
US-PATENT-CLASS-429-23 ..... c 44 N77-14581 *
US-PATENT-CLASS-429-249 ..... c 27 N81-24257 *
US-PATENT-CLASS-429-249 ..... c 23 N81-29160 *
US-PATENT-CLASS-429-249 ..... c 33 N85-29144 *
US-PATENT-CLASS-429-251 ..... c 44 N82-29708 *
US-PATENT-CLASS-429-251 ..... c 44 N83-32176 *
US-PATENT-CLASS-429-253 ..... c 44 N79-25481 *
US-PATENT-CLASS-429-253 ..... c 27 N81-24257 *
US-PATENT-CLASS-429-253 ..... c 23 N81-29160 *
US-PATENT-CLASS-429-253 ..... c 25 N83-13188 *
US-PATENT-CLASS-429-254 ..... c 44 N78-25530 *
US-PATENT-CLASS-429-254 ..... c 44 N82-29708 *
US-PATENT-CLASS-429-254 ..... c 44 N83-32176 *
US-PATENT-CLASS-429-27 ..... c 27 N81-24257 *
US-PATENT-CLASS-429-27 ..... c 23 N81-29160 *
US-PATENT-CLASS-429-27 ..... c 44 N86-25874 *
US-PATENT-CLASS-429-28 ..... c 27 N81-24257 *
US-PATENT-CLASS-429-28 ..... c 23 N81-29160 *
US-PATENT-CLASS-429-33 ..... c 44 N79-17313 *
US-PATENT-CLASS-429-33 ..... c 44 N82-29710 *
US-PATENT-CLASS-429-34 ..... c 44 N77-14581 *
US-PATENT-CLASS-429-34 ..... c 44 N83-27344 *
US-PATENT-CLASS-429-40 ..... c 44 N82-29710 *
US-PATENT-CLASS-429-40 ..... c 44 N83-27344 *
US-PATENT-CLASS-429-41 ..... c 44 N79-10513 *
US-PATENT-CLASS-429-42 ..... c 44 N79-10513 *
US-PATENT-CLASS-429-44 ..... c 44 N84-28205 *
US-PATENT-CLASS-429-51 ..... c 44 N86-19721 *
US-PATENT-CLASS-429-57 ..... c 44 N86-25874 *
US-PATENT-CLASS-429-58 ..... c 35 N85-21596 *
US-PATENT-CLASS-429-94 ..... c 44 N81-24521 *
US-PATENT-CLASS-430-17 ..... c 35 N82-11432 *
US-PATENT-CLASS-430-271 ..... c 27 N81-25209 *
US-PATENT-CLASS-430-325 ..... c 27 N81-25209 *
US-PATENT-CLASS-430-329 ..... c 27 N81-25209 *
US-PATENT-CLASS-430-330 ..... c 27 N81-25209 *
US-PATENT-CLASS-430-372 ..... c 35 N82-11432 *
US-PATENT-CLASS-431-10 ..... c 34 N78-27357 *
US-PATENT-CLASS-431-10 ..... c 25 N79-11151 *
US-PATENT-CLASS-431-116 ..... c 44 N77-10636 *
US-PATENT-CLASS-431-11 ..... c 44 N77-10636 *

US-PATENT-CLASS-431-13 ..... c 25 N88-29002 *
US-PATENT-CLASS-431-158 ..... c 25 N78-10224 *
US-PATENT-CLASS-431-162 ..... c 44 N77-10636 *
US-PATENT-CLASS-431-163 ..... c 44 N76-29704 *
US-PATENT-CLASS-431-170 ..... c 44 N77-10636 *
US-PATENT-CLASS-431-173 ..... c 23 N73-30665 *
US-PATENT-CLASS-431-1 ..... c 25 N84-16276 *
US-PATENT-CLASS-431-202 ..... c 25 N74-33378 *
US-PATENT-CLASS-431-208 ..... c 25 N79-11151 *
US-PATENT-CLASS-431-210 ..... c 44 N76-29704 *
US-PATENT-CLASS-431-2 ..... c 07 N81-29129 *
US-PATENT-CLASS-431-328 ..... c 34 N78-27357 *
US-PATENT-CLASS-431-352 ..... c 28 N71-28915 *
US-PATENT-CLASS-431-352 ..... c 25 N78-10224 *
US-PATENT-CLASS-431-352 ..... c 25 N90-11824 *
US-PATENT-CLASS-431-41 ..... c 44 N77-10636 *
US-PATENT-CLASS-431-4 ..... c 44 N76-29704 *
US-PATENT-CLASS-431-76 ..... c 25 N88-29002 *
US-PATENT-CLASS-431-7 ..... c 34 N78-27357 *
US-PATENT-CLASS-431-9 ..... c 23 N73-30665 *
US-PATENT-CLASS-432-18 ..... c 35 N86-20750 *
US-PATENT-CLASS-432-223 ..... c 25 N79-11151 *
US-PATENT-CLASS-432-227 ..... c 35 N83-24828 *
US-PATENT-CLASS-432-264 ..... c 33 N81-19389 *
US-PATENT-CLASS-432-29 ..... c 25 N79-11151 *
US-PATENT-CLASS-432-58 ..... c 35 N83-24828 *
US-PATENT-CLASS-433-118 ..... c 52 N82-29862 *
US-PATENT-CLASS-433-125 ..... c 52 N82-29862 *
US-PATENT-CLASS-433-86 ..... c 52 N82-29862 *
US-PATENT-CLASS-434-114 ..... c 82 N87-29372 *
US-PATENT-CLASS-434-242 ..... c 09 N85-19990 *
US-PATENT-CLASS-434-243 ..... c 09 N85-19990 *
US-PATENT-CLASS-434-2 ..... c 32 N84-27951 *
US-PATENT-CLASS-434-34 ..... c 14 N87-25344 *
US-PATENT-CLASS-434-35 ..... c 09 N85-19990 *
US-PATENT-CLASS-434-38 ..... c 36 N83-34304 *
US-PATENT-CLASS-434-403 ..... c 31 N83-34073 *
US-PATENT-CLASS-434-42 ..... c 09 N82-24212 *
US-PATENT-CLASS-434-43 ..... c 09 N82-24212 *
US-PATENT-CLASS-434-49 ..... c 09 N85-19990 *
US-PATENT-CLASS-434-4 ..... c 36 N83-34304 *
US-PATENT-CLASS-434-4 ..... c 35 N86-32697 *
US-PATENT-CLASS-434-59 ..... c 54 N81-27806 *
US-PATENT-CLASS-434-88 ..... c 31 N83-34073 *
US-PATENT-CLASS-435-160 ..... c 23 N85-35227 *
US-PATENT-CLASS-435-240.240 c 51 N92-34232 *
US-PATENT-CLASS-435-240.24 .. c 51 N92-34229 *
US-PATENT-CLASS-435-240.24 .. c 51 N92-34231 *
US-PATENT-CLASS-435-240.25 .. c 51 N92-34229 *
US-PATENT-CLASS-435-240.25 .. c 51 N92-34231 *
US-PATENT-CLASS-435-284 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-284 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-285 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-285 ..... c 51 N91-30667 *
US-PATENT-CLASS-435-286 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-286 ..... c 51 N91-21701 *
US-PATENT-CLASS-435-286 ..... c 51 N91-30667 *
US-PATENT-CLASS-435-286 ..... c 35 N92-31790 *
US-PATENT-CLASS-435-286 ..... c 51 N92-34229 *
US-PATENT-CLASS-435-286 ..... c 51 N92-34231 *
US-PATENT-CLASS-435-286 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-289 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-289 ..... c 51 N83-27569 *
US-PATENT-CLASS-435-289 ..... c 51 N91-21701 *
US-PATENT-CLASS-435-290 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-291 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-291 ..... c 51 N81-28698 *
US-PATENT-CLASS-435-291 ..... c 35 N82-28604 *
US-PATENT-CLASS-435-291 ..... c 51 N83-27569 *
US-PATENT-CLASS-435-292 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-30 ..... c 51 N91-31755 *
US-PATENT-CLASS-435-311 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-311 ..... c 51 N91-14703 *
US-PATENT-CLASS-435-311 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-311 ..... c 51 N91-21701 *
US-PATENT-CLASS-435-311 ..... c 35 N92-31790 *
US-PATENT-CLASS-435-311 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-312 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-312 ..... c 51 N91-30667 *
US-PATENT-CLASS-435-312 ..... c 35 N92-31790 *
US-PATENT-CLASS-435-312 ..... c 51 N92-34231 *
US-PATENT-CLASS-435-312 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-313 ..... c 51 N91-30667 *
US-PATENT-CLASS-435-313 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-315 ..... c 51 N91-21701 *
US-PATENT-CLASS-435-315 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-316 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-316 ..... c 51 N91-14703 *
US-PATENT-CLASS-435-316 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-316 ..... c 51 N91-21701 *
US-PATENT-CLASS-435-32 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-34 ..... c 51 N80-16714 *
US-PATENT-CLASS-435-34 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-34 ..... c 51 N81-28698 *
US-PATENT-CLASS-435-34 ..... c 35 N82-28604 *
US-PATENT-CLASS-435-34 ..... c 51 N83-27569 *
US-PATENT-CLASS-435-34 ..... c 51 N83-28849 *
US-PATENT-CLASS-435-38 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-38 ..... c 51 N83-27569 *
US-PATENT-CLASS-435-38 ..... c 51 N83-28849 *
US-PATENT-CLASS-435-39 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-39 ..... c 35 N82-28604 *
US-PATENT-CLASS-435-39 ..... c 51 N83-27569 *
US-PATENT-CLASS-435-39 ..... c 51 N83-28849 *
US-PATENT-CLASS-435-3 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-3 ..... c 51 N83-27569 *
US-PATENT-CLASS-435-3 ..... c 51 N83-28849 *
US-PATENT-CLASS-435-3 ..... c 51 N92-34229 *
US-PATENT-CLASS-435-3 ..... c 51 N92-34231 *
US-PATENT-CLASS-435-5 ..... c 51 N81-28698 *
US-PATENT-CLASS-435-807 ..... c 51 N83-28849 *
US-PATENT-CLASS-435-818 ..... c 51 N91-30667 *
US-PATENT-CLASS-435-842 ..... c 23 N85-35227 *
US-PATENT-CLASS-435-8 ..... c 51 N83-27569 *
US-PATENT-CLASS-436-137 ..... c 35 N90-22025 *
US-PATENT-CLASS-436-143 ..... c 35 N90-22025 *
US-PATENT-CLASS-436-155 ..... c 25 N86-19413 *
US-PATENT-CLASS-436-2 ..... c 35 N85-29213 *
US-PATENT-CLASS-436-55 ..... c 35 N90-22025 *
US-PATENT-CLASS-437-105 ..... c 76 N92-22035 *
US-PATENT-CLASS-437-107 ..... c 76 N92-22035 *
US-PATENT-CLASS-437-128 ..... c 76 N88-14836 *
US-PATENT-CLASS-437-131 ..... c 76 N88-14836 *
US-PATENT-CLASS-437-133 ..... c 76 N92-22035 *
US-PATENT-CLASS-437-187 ..... c 76 N91-28014 *
US-PATENT-CLASS-437-197 ..... c 76 N91-28014 *
US-PATENT-CLASS-437-199 ..... c 76 N91-28014 *
US-PATENT-CLASS-437-200 ..... c 24 N92-18561 *
US-PATENT-CLASS-437-225 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-228 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-229 ..... c 25 N91-31258 *
US-PATENT-CLASS-437-235 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-238 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-239 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-247 ..... c 76 N91-28014 *
US-PATENT-CLASS-437-248 ..... c 76 N91-28014 *
US-PATENT-CLASS-437-2 ..... c 44 N91-27614 *
US-PATENT-CLASS-437-3 ..... c 76 N88-14836 *
US-PATENT-CLASS-437-40 ..... c 24 N92-18561 *
US-PATENT-CLASS-437-7 ..... c 76 N88-14836 *
US-PATENT-CLASS-437-85 ..... c 76 N92-22035 *
US-PATENT-CLASS-437-8 ..... c 76 N88-14836 *
US-PATENT-CLASS-437-903 ..... c 76 N90-19884 *
US-PATENT-CLASS-437-907 ..... c 24 N92-18561 *
US-PATENT-CLASS-437-930 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-935 ..... c 24 N92-18561 *
US-PATENT-CLASS-437-936 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-936 ..... c 76 N92-22035 *
US-PATENT-CLASS-437-942 ..... c 24 N92-18561 *
US-PATENT-CLASS-437-945 ..... c 76 N92-22035 *
US-PATENT-CLASS-437-969 ..... c 76 N88-14836 *
US-PATENT-CLASS-437-973 ..... c 24 N92-18561 *
US-PATENT-CLASS-439-271 ..... c 33 N88-14270 *
US-PATENT-CLASS-439-578 ..... c 33 N88-14270 *
US-PATENT-CLASS-44-1-SR ..... c 25 N85-35253 *
US-PATENT-CLASS-44-1R ..... c 44 N78-31527 *
US-PATENT-CLASS-44-1R ..... c 25 N81-33246 *
US-PATENT-CLASS-44-1SR ..... c 25 N82-29371 *
US-PATENT-CLASS-44-1SR ..... c 25 N83-31743 *
US-PATENT-CLASS-44-2 ..... c 44 N78-31527 *
US-PATENT-CLASS-44-2 ..... c 25 N81-33246 *
US-PATENT-CLASS-44-50 ..... c 27 N81-17261 *
US-PATENT-CLASS-44-51 ..... c 25 N79-11152 *
US-PATENT-CLASS-44-62 ..... c 27 N81-17261 *
US-PATENT-CLASS-44-7R ..... c 28 N81-14103 *
US-PATENT-CLASS-44-77 ..... c 06 N71-23499 *
US-PATENT-CLASS-441-83 ..... c 03 N91-31113 *
US-PATENT-CLASS-445-35 ..... c 37 N85-33489 *
US-PATENT-CLASS-455-102 ..... c 33 N81-15192 *
US-PATENT-CLASS-455-102 ..... c 33 N91-31530 *
US-PATENT-CLASS-455-115 ..... c 32 N89-14374 *
US-PATENT-CLASS-455-117 ..... c 32 N89-14374 *
US-PATENT-CLASS-455-137 ..... c 35 N82-15381 *
US-PATENT-CLASS-455-139 ..... c 35 N82-15381 *
US-PATENT-CLASS-455-1 ..... c 33 N91-31530 *
US-PATENT-CLASS-455-202 ..... c 33 N82-29539 *
US-PATENT-CLASS-455-202 ..... c 32 N84-27952 *
US-PATENT-CLASS-455-208 ..... c 33 N82-29539 *
US-PATENT-CLASS-455-208 ..... c 32 N84-27952 *
US-PATENT-CLASS-455-234 ..... c 33 N82-29539 *
US-PATENT-CLASS-455-260 ..... c 32 N84-27952 *
US-PATENT-CLASS-455-265 ..... c 32 N84-27952 *
US-PATENT-CLASS-455-278 ..... c 32 N81-29308 *
US-PATENT-CLASS-455-306 ..... c 33 N82-29539 *
US-PATENT-CLASS-455-51 ..... c 32 N81-14186 *
US-PATENT-CLASS-455-605 ..... c 74 N91-27957 *
US-PATENT-CLASS-455-608 ..... c 32 N87-21207 *
US-PATENT-CLASS-455-60 ..... c 35 N82-15381 *
US-PATENT-CLASS-455-610 ..... c 74 N82-19029 *
US-PATENT-CLASS-455-612 ..... c 74 N82-19029 *
US-PATENT-CLASS-455-612 ..... c 74 N83-29032 *
US-PATENT-CLASS-455-615 ..... c 74 N82-19029 *
US-PATENT-CLASS-455-617 ..... c 74 N82-19029 *
US-PATENT-CLASS-455-619 ..... c 32 N81-14186 *
US-PATENT-CLASS-455-65 ..... c 32 N87-25511 *
US-PATENT-CLASS-455-67 ..... c 32 N89-14374 *
US-PATENT-CLASS-455-71 ..... c 32 N81-14186 *
US-PATENT-CLASS-455-73 ..... c 32 N85-29118 *
US-PATENT-CLASS-455-98 ..... c 32 N89-14374 *
US-PATENT-CLASS-455-99 ..... c 33 N91-31530 *
US-PATENT-CLASS-464-132 ..... c 37 N91-17387 *
US-PATENT-CLASS-464-56 ..... c 37 N91-17387 *
US-PATENT-CLASS-464-56 ..... c 37 N91-17388 *
US-PATENT-CLASS-467-28 ..... c 39 N80-10507 *
US-PATENT-CLASS-47-1.2 ..... c 51 N75-25503 *
US-PATENT-CLASS-47-1.4 ..... c 31 N73-32750 *
US-PATENT-CLASS-47-1.4 ..... c 54 N91-31803 * #
US-PATENT-CLASS-47-17 ..... c 31 N73-32750 *
US-PATENT-CLASS-47-26 ..... c 37 N83-26078 *
US-PATENT-CLASS-47-39 ..... c 51 N75-25503 *
US-PATENT-CLASS-47-58 ..... c 51 N75-25503 *
US-PATENT-CLASS-47-58 ..... c 51 N83-17045 *
US-PATENT-CLASS-47-58 ..... c 45 N84-12654 *
US-PATENT-CLASS-47-62 ..... c 54 N91-31803 * #
US-PATENT-CLASS-474-205 ..... c 37 N80-32717 *
US-PATENT-CLASS-474-220 ..... c 37 N87-17034 *
US-PATENT-CLASS-48-DIG.8 ..... c 28 N80-10374 *
US-PATENT-CLASS-48-10-3 ..... c 28 N80-10374 *
US-PATENT-CLASS-48-102A ..... c 28 N80-10374 *
US-PATENT-CLASS-48-107 ..... c 28 N80-10374 *
US-PATENT-CLASS-48-116 ..... c 44 N76-18642 *
US-PATENT-CLASS-48-116 ..... c 44 N77-10636 *
US-PATENT-CLASS-48-117 ..... c 44 N76-18642 *
US-PATENT-CLASS-48-117 ..... c 44 N77-10636 *
US-PATENT-CLASS-48-117 ..... c 28 N80-10374 *
US-PATENT-CLASS-48-197-R ..... c 25 N86-25428 *
US-PATENT-CLASS-48-197R ..... c 44 N76-29704 *
US-PATENT-CLASS-48-197R ..... c 44 N77-10636 *
US-PATENT-CLASS-48-197R ..... c 28 N91-14495 *
US-PATENT-CLASS-48-203 ..... c 28 N91-14495 *
US-PATENT-CLASS-48-212 ..... c 44 N77-10636 *
US-PATENT-CLASS-48-215 ..... c 44 N76-29700 *
US-PATENT-CLASS-48-61 ..... c 44 N77-10636 *
US-PATENT-CLASS-48-61 ..... c 28 N80-10374 *
US-PATENT-CLASS-48-63 ..... c 44 N76-18642 *
US-PATENT-CLASS-48-75 ..... c 44 N76-18642 *
US-PATENT-CLASS-48-77 ..... c 28 N91-14495 *
US-PATENT-CLASS-48-89 ..... c 44 N82-16475 *
US-PATENT-CLASS-48-95 ..... c 44 N76-18642 *
US-PATENT-CLASS-48-95 ..... c 44 N76-29700 *
US-PATENT-CLASS-48-99 ..... c 44 N82-16475 *
US-PATENT-CLASS-49-DIG.1 ..... c 34 N78-25350 *
US-PATENT-CLASS-49-171 ..... c 31 N81-19343 *
US-PATENT-CLASS-49-253 ..... c 18 N90-19278 *
US-PATENT-CLASS-49-479 ..... c 34 N78-25350 *
US-PATENT-CLASS-49-485 ..... c 34 N78-25350 *
US-PATENT-CLASS-49-68 ..... c 18 N74-22136 *
US-PATENT-CLASS-5-345 ..... c 05 N70-33285 *
US-PATENT-CLASS-5-459 ..... c 03 N84-33394 *
US-PATENT-CLASS-5-69 ..... c 05 N72-11085 *
US-PATENT-CLASS-5-81-R ..... c 85 N87-21755 *
US-PATENT-CLASS-5-82 ..... c 05 N71-23159 *
US-PATENT-CLASS-501-123 ..... c 27 N92-16122 *
US-PATENT-CLASS-501-127 ..... c 27 N92-16122 *
US-PATENT-CLASS-501-39 ..... c 24 N92-16026 *
US-PATENT-CLASS-501-54 ..... c 24 N92-16026 *
US-PATENT-CLASS-501-88 ..... c 27 N88-29040 *
US-PATENT-CLASS-501-88 ..... c 27 N90-21177 *
US-PATENT-CLASS-501-91 ..... c 27 N88-29040 *
US-PATENT-CLASS-501-91 ..... c 27 N90-21177 *
US-PATENT-CLASS-501-92 ..... c 27 N88-29040 *
US-PATENT-CLASS-501-92 ..... c 27 N90-21177 *
US-PATENT-CLASS-501-92 ..... c 27 N92-34160 *
US-PATENT-CLASS-501-93 ..... c 27 N88-29040 *
US-PATENT-CLASS-501-93 ..... c 27 N92-34160 *
US-PATENT-CLASS-501-96 ..... c 27 N92-34160 *
US-PATENT-CLASS-501-97 ..... c 27 N92-34160 *
US-PATENT-CLASS-502-217 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-218 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-226 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-239 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-241 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-245 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-324 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-324 ..... c 25 N91-21270 *
US-PATENT-CLASS-502-325 ..... c 25 N90-20180 *
US-PATENT-CLASS-502-339 ..... c 25 N90-20154 *
US-PATENT-CLASS-502-339 ..... c 25 N90-20180 *
US-PATENT-CLASS-502-344 ..... c 25 N90-20180 *
US-PATENT-CLASS-502-34 ..... c 25 N91-21270 *
US-PATENT-CLASS-502-352 ..... c 25 N90-20154 *
US-PATENT-CLASS-502-38 ..... c 25 N90-20154 *
US-PATENT-CLASS-502-53 ..... c 25 N90-20154 *
US-PATENT-CLASS-502-73 ..... c 25 N92-10073 *
US-PATENT-CLASS-505-1 ..... c 33 N91-31529 *
US-PATENT-CLASS-505-1 ..... c 76 N92-10681 *
US-PATENT-CLASS-505-1 ..... c 14 N92-15081 *
US-PATENT-CLASS-505-1 ..... c 74 N92-28571 *

US-PATENT-CLASS-505-701 ..... c 33 N91-31529 *
US-PATENT-CLASS-505-702 ..... c 33 N91-31529 *
US-PATENT-CLASS-505-703 ..... c 33 N91-31529 *
US-PATENT-CLASS-505-703 ..... c 74 N92-28571 *
US-PATENT-CLASS-505-704 ..... c 33 N91-31529 *
US-PATENT-CLASS-505-728 ..... c 76 N92-10681 *
US-PATENT-CLASS-505-848 ..... c 74 N92-28571 *
US-PATENT-CLASS-505-862 ..... c 76 N92-22041 *
US-PATENT-CLASS-505-866 ..... c 74 N92-28571 *
US-PATENT-CLASS-505-871 ..... c 76 N92-22041 *
US-PATENT-CLASS-505-876 ..... c 37 N92-29099 *
US-PATENT-CLASS-51-170 ..... c 15 N71-26134 *
US-PATENT-CLASS-51-216 ..... c 15 N72-20444 *
US-PATENT-CLASS-51-225 ..... c 37 N74-27905 *
US-PATENT-CLASS-51-234 ..... c 37 N74-27905 *
US-PATENT-CLASS-51-235 ..... c 37 N78-17383 *
US-PATENT-CLASS-51-235 ..... c 76 N80-18951 *
US-PATENT-CLASS-51-277 ..... c 74 N80-24149 *
US-PATENT-CLASS-51-281-R .... c 31 N87-25491 *
US-PATENT-CLASS-51-283R ..... c 74 N80-24149 *
US-PATENT-CLASS-51-283 ..... c 46 N74-23069 *
US-PATENT-CLASS-51-320 ..... c 15 N72-20444 *
US-PATENT-CLASS-51-323 ..... c 15 N72-20444 *
US-PATENT-CLASS-51-57 ..... c 15 N71-22705 *
US-PATENT-CLASS-51-73R ..... c 37 N85-21650 *
US-PATENT-CLASS-51-97R ..... c 37 N74-27905 *
US-PATENT-CLASS-52-DIG.10 .... c 18 N72-25540 *
US-PATENT-CLASS-52-DIG.10 .... c 18 N72-25541 *
US-PATENT-CLASS-52-108 ..... c 15 N72-18477 *
US-PATENT-CLASS-52-108 ..... c 31 N81-27323 *
US-PATENT-CLASS-52-108 ..... c 31 N87-25492 *
US-PATENT-CLASS-52-109 ..... c 31 N73-32749 *
US-PATENT-CLASS-52-110 ..... c 37 N86-25791 *
US-PATENT-CLASS-52-111 ..... c 31 N81-27324 *
US-PATENT-CLASS-52-111 ..... c 37 N86-25789 *
US-PATENT-CLASS-52-111 ..... c 37 N86-32737 *
US-PATENT-CLASS-52-117 ..... c 44 N77-32582 *
US-PATENT-CLASS-52-126.5 ..... c 31 N87-16918 *
US-PATENT-CLASS-52-127.7 ..... c 37 N85-30335 *
US-PATENT-CLASS-52-127 ..... c 15 N71-21531 *
US-PATENT-CLASS-52-144 ..... c 71 N91-27913 *
US-PATENT-CLASS-52-169 ..... c 15 N72-25454 *
US-PATENT-CLASS-52-171 ..... c 11 N73-12265 *
US-PATENT-CLASS-52-171 ..... c 74 N85-29750 *
US-PATENT-CLASS-52-173R ..... c 44 N77-31601 *
US-PATENT-CLASS-52-173 ..... c 15 N72-25454 *
US-PATENT-CLASS-52-1 ..... c 15 N72-28496 *
US-PATENT-CLASS-52-232 ..... c 37 N81-14317 *
US-PATENT-CLASS-52-236 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-249 ..... c 33 N71-25351 *
US-PATENT-CLASS-52-272 ..... c 31 N71-24035 *
US-PATENT-CLASS-52-284 ..... c 32 N73-13921 *
US-PATENT-CLASS-52-2 ..... c 32 N71-21045 *
US-PATENT-CLASS-52-2 ..... c 44 N77-32583 *
US-PATENT-CLASS-52-309.15 .... c 31 N87-16918 *
US-PATENT-CLASS-52-309.1 ..... c 31 N81-25258 *
US-PATENT-CLASS-52-391 ..... c 31 N87-16918 *
US-PATENT-CLASS-52-3 ..... c 31 N71-16080 *
US-PATENT-CLASS-52-404 ..... c 33 N71-25351 *
US-PATENT-CLASS-52-404 ..... c 16 N84-22601 *
US-PATENT-CLASS-52-506 ..... c 16 N84-22601 *
US-PATENT-CLASS-52-506 ..... c 37 N85-30335 *
US-PATENT-CLASS-52-511 ..... c 31 N87-16918 *
US-PATENT-CLASS-52-51 ..... c 44 N77-31601 *
US-PATENT-CLASS-52-573 ..... c 15 N72-28496 *
US-PATENT-CLASS-52-573 ..... c 18 N89-28554 *
US-PATENT-CLASS-52-594 ..... c 15 N72-25454 *
US-PATENT-CLASS-52-594 ..... c 32 N73-13921 *
US-PATENT-CLASS-52-632 ..... c 31 N81-27324 *
US-PATENT-CLASS-52-632 ..... c 31 N86-19479 *
US-PATENT-CLASS-52-632 ..... c 37 N86-32737 *
US-PATENT-CLASS-52-632 ..... c 31 N87-25492 *
US-PATENT-CLASS-52-637 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-637 ..... c 31 N86-19479 *
US-PATENT-CLASS-52-645 ..... c 31 N81-25259 *
US-PATENT-CLASS-52-645 ..... c 37 N86-25789 *
US-PATENT-CLASS-52-645 ..... c 37 N86-32737 *
US-PATENT-CLASS-52-646 ..... c 31 N73-32749 *
US-PATENT-CLASS-52-646 ..... c 31 N86-19479 *
US-PATENT-CLASS-52-646 ..... c 37 N86-32737 *
US-PATENT-CLASS-52-646 ..... c 31 N87-25492 *
US-PATENT-CLASS-52-646 ..... c 18 N88-28958 *
US-PATENT-CLASS-52-646 ..... c 37 N88-29180 *
US-PATENT-CLASS-52-646 ..... c 18 N91-21221 *
US-PATENT-CLASS-52-646 ..... c 18 N91-27199 *
US-PATENT-CLASS-52-648 ..... c 11 N72-25287 *
US-PATENT-CLASS-52-648 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-648 ..... c 31 N81-25258 *
US-PATENT-CLASS-52-648 ..... c 31 N86-19479 *
US-PATENT-CLASS-52-648 ..... c 37 N86-25789 *
US-PATENT-CLASS-52-648 ..... c 18 N88-28958 *
US-PATENT-CLASS-52-648 ..... c 37 N88-29180 *
US-PATENT-CLASS-52-648 ..... c 18 N89-28554 *
US-PATENT-CLASS-52-64 ..... c 31 N73-32749 *
US-PATENT-CLASS-52-651 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-655 ..... c 11 N72-25287 *
US-PATENT-CLASS-52-705 ..... c 37 N76-19437 *
US-PATENT-CLASS-52-71 ..... c 18 N75-27040 *
US-PATENT-CLASS-52-726 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-726 ..... c 31 N81-25258 *
US-PATENT-CLASS-52-743 ..... c 37 N81-14317 *
US-PATENT-CLASS-52-745 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-745 ..... c 31 N81-27323 *
US-PATENT-CLASS-52-745 ..... c 37 N85-30335 *
US-PATENT-CLASS-52-749 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-758F ..... c 37 N76-19437 *
US-PATENT-CLASS-52-806 ..... c 24 N84-11214 *
US-PATENT-CLASS-52-808 ..... c 24 N84-11214 *
US-PATENT-CLASS-52-80 ..... c 18 N72-25540 *
US-PATENT-CLASS-52-80 ..... c 18 N72-25541 *
US-PATENT-CLASS-52-80 ..... c 31 N73-32749 *
US-PATENT-CLASS-52-814 ..... c 18 N84-33450 *
US-PATENT-CLASS-52-814 ..... c 31 N87-16918 *
US-PATENT-CLASS-52-814 ..... c 31 N89-12786 *
US-PATENT-CLASS-52-81 ..... c 37 N82-32732 *
US-PATENT-CLASS-52-821 ..... c 31 N89-12786 *
US-PATENT-CLASS-521-109.1 .... c 27 N92-16123 *
US-PATENT-CLASS-521-124 ..... c 25 N80-16116 *
US-PATENT-CLASS-521-125 ..... c 25 N80-16116 *
US-PATENT-CLASS-521-127 ..... c 25 N80-16116 *
US-PATENT-CLASS-521-135 ..... c 27 N92-16123 *
US-PATENT-CLASS-521-136 ..... c 27 N92-16123 *
US-PATENT-CLASS-521-141 ..... c 51 N84-28361 *
US-PATENT-CLASS-521-142 ..... c 51 N84-28361 *
US-PATENT-CLASS-521-145 ..... c 27 N90-16949 *
US-PATENT-CLASS-521-146 ..... c 25 N80-23383 *
US-PATENT-CLASS-521-149 ..... c 51 N84-28361 *
US-PATENT-CLASS-521-157 ..... c 25 N80-16116 *
US-PATENT-CLASS-521-178 ..... c 27 N90-16949 *
US-PATENT-CLASS-521-178 ..... c 27 N92-16123 *
US-PATENT-CLASS-521-189 ..... c 27 N90-16949 *
US-PATENT-CLASS-521-27 ..... c 27 N81-14076 *
US-PATENT-CLASS-521-32 ..... c 27 N81-14076 *
US-PATENT-CLASS-521-54 ..... c 27 N92-16123 *
US-PATENT-CLASS-521-55 ..... c 25 N80-23383 *
US-PATENT-CLASS-521-62 ..... c 27 N81-14076 *
US-PATENT-CLASS-521-82 ..... c 27 N90-16949 *
US-PATENT-CLASS-521-84.1 ..... c 27 N92-16123 *
US-PATENT-CLASS-521-907 ..... c 27 N92-16123 *
US-PATENT-CLASS-521-918 ..... c 25 N80-23383 *
US-PATENT-CLASS-521-97 ..... c 27 N90-16949 *
US-PATENT-CLASS-521-98 ..... c 27 N90-16949 *
US-PATENT-CLASS-522-162 ..... c 27 N90-21198 *
US-PATENT-CLASS-522-165 ..... c 27 N90-21198 *
US-PATENT-CLASS-523-135 ..... c 27 N85-29044 *
US-PATENT-CLASS-523-205 ..... c 27 N83-19900 *
US-PATENT-CLASS-523-433 ..... c 24 N86-19380 *
US-PATENT-CLASS-523-434 ..... c 27 N86-27451 *
US-PATENT-CLASS-523-435 ..... c 24 N84-11213 *
US-PATENT-CLASS-523-440 ..... c 27 N83-34043 *
US-PATENT-CLASS-523-443 ..... c 27 N83-34043 *
US-PATENT-CLASS-523-445 ..... c 24 N86-19380 *
US-PATENT-CLASS-523-445 ..... c 27 N86-27451 *
US-PATENT-CLASS-523-454 ..... c 24 N84-34571 *
US-PATENT-CLASS-523-454 ..... c 27 N85-34282 *
US-PATENT-CLASS-523-456 ..... c 24 N84-11213 *
US-PATENT-CLASS-523-458 ..... c 24 N84-34571 *
US-PATENT-CLASS-523-458 ..... c 27 N85-34282 *
US-PATENT-CLASS-523-461 ..... c 27 N86-27451 *
US-PATENT-CLASS-523-66468 ... c 24 N86-19380 *
US-PATENT-CLASS-524-104 ..... c 27 N83-28240 *
US-PATENT-CLASS-524-171 ..... c 27 N84-22747 *
US-PATENT-CLASS-524-173 ..... c 27 N83-28240 *
US-PATENT-CLASS-524-233 ..... c 27 N83-28240 *
US-PATENT-CLASS-524-233 ..... c 27 N90-16950 *
US-PATENT-CLASS-524-366 ..... c 27 N90-16950 *
US-PATENT-CLASS-524-371 ..... c 27 N84-14324 *
US-PATENT-CLASS-524-378 ..... c 27 N90-16950 *
US-PATENT-CLASS-524-388 ..... c 27 N85-29044 *
US-PATENT-CLASS-524-404 ..... c 27 N87-22845 *
US-PATENT-CLASS-524-436 ..... c 27 N83-19900 *
US-PATENT-CLASS-524-437 ..... c 27 N83-19900 *
US-PATENT-CLASS-524-494 ..... c 27 N84-14322 *
US-PATENT-CLASS-524-495 ..... c 27 N92-21711 *
US-PATENT-CLASS-524-496 ..... c 27 N84-14322 *
US-PATENT-CLASS-524-500 ..... c 27 N84-14322 *
US-PATENT-CLASS-524-503 ..... c 27 N83-19900 *
US-PATENT-CLASS-524-530 ..... c 27 N84-14322 *
US-PATENT-CLASS-524-548 ..... c 27 N86-20560 *
US-PATENT-CLASS-524-548 ..... c 27 N87-22845 *
US-PATENT-CLASS-524-564 ..... c 27 N83-19900 *
US-PATENT-CLASS-524-567 ..... c 27 N85-29044 *
US-PATENT-CLASS-524-600 ..... c 27 N90-16950 *
US-PATENT-CLASS-524-600 ..... c 27 N91-15402 *
US-PATENT-CLASS-524-607 ..... c 27 N90-16950 *
US-PATENT-CLASS-524-726 ..... c 27 N83-28240 *
US-PATENT-CLASS-524-786 ..... c 27 N83-19900 *
US-PATENT-CLASS-525-107 ..... c 27 N85-34281 *
US-PATENT-CLASS-525-108 ..... c 27 N86-27451 *
US-PATENT-CLASS-525-113 ..... c 27 N85-34281 *
US-PATENT-CLASS-525-115 ..... c 27 N86-27451 *
US-PATENT-CLASS-525-119 ..... c 27 N85-34281 *
US-PATENT-CLASS-525-119 ..... c 27 N86-27451 *
US-PATENT-CLASS-525-122 ..... c 27 N86-27451 *
US-PATENT-CLASS-525-181 ..... c 27 N83-28240 *
US-PATENT-CLASS-525-181 ..... c 27 N85-21349 *
US-PATENT-CLASS-525-182 ..... c 27 N85-21349 *
US-PATENT-CLASS-525-182 ..... c 27 N87-22845 *
US-PATENT-CLASS-525-183 ..... c 27 N83-28240 *
US-PATENT-CLASS-525-183 ..... c 27 N85-21349 *
US-PATENT-CLASS-525-184 ..... c 27 N83-28240 *
US-PATENT-CLASS-525-184 ..... c 27 N85-21349 *
US-PATENT-CLASS-525-186 ..... c 27 N85-34281 *
US-PATENT-CLASS-525-186 ..... c 27 N86-20560 *
US-PATENT-CLASS-525-229 ..... c 27 N85-34281 *
US-PATENT-CLASS-525-26 ..... c 27 N85-29043 *
US-PATENT-CLASS-525-275 ..... c 27 N92-22044 *
US-PATENT-CLASS-525-282 ..... c 27 N84-14322 *
US-PATENT-CLASS-525-282 ..... c 27 N87-15304 *
US-PATENT-CLASS-525-287 ..... c 27 N84-14322 *
US-PATENT-CLASS-525-326 ..... c 27 N80-24438 *
US-PATENT-CLASS-525-336 ..... c 27 N80-24438 *
US-PATENT-CLASS-525-340 ..... c 27 N80-24438 *
US-PATENT-CLASS-525-36 ..... c 27 N87-22848 *
US-PATENT-CLASS-525-374 ..... c 27 N80-24438 *
US-PATENT-CLASS-525-375 ..... c 27 N80-24438 *
US-PATENT-CLASS-525-384 ..... c 28 N81-15119 *
US-PATENT-CLASS-525-389 ..... c 27 N84-22750 *
US-PATENT-CLASS-525-397 ..... c 27 N88-18725 *
US-PATENT-CLASS-525-417 ..... c 27 N84-22745 *
US-PATENT-CLASS-525-420 ..... c 27 N85-20123 *
US-PATENT-CLASS-525-420 ..... c 27 N92-29157 *
US-PATENT-CLASS-525-420 ..... c 27 N92-31792 *
US-PATENT-CLASS-525-421 ..... c 27 N92-22044 *
US-PATENT-CLASS-525-422 ..... c 27 N91-31307 *
US-PATENT-CLASS-525-422 ..... c 27 N92-21711 *
US-PATENT-CLASS-525-422 ..... c 27 N92-22044 *
US-PATENT-CLASS-525-423 ..... c 24 N86-19380 *
US-PATENT-CLASS-525-425 ..... c 33 N88-23941 *
US-PATENT-CLASS-525-426 ..... c 27 N80-26446 *
US-PATENT-CLASS-525-426 ..... c 27 N84-22746 *
US-PATENT-CLASS-525-426 ..... c 27 N87-28657 *
US-PATENT-CLASS-525-432 ..... c 27 N86-19456 *
US-PATENT-CLASS-525-432 ..... c 27 N87-28657 *
US-PATENT-CLASS-525-432 ..... c 24 N91-25200 *
US-PATENT-CLASS-525-432 ..... c 27 N92-21711 *
US-PATENT-CLASS-525-432 ..... c 27 N92-29157 *
US-PATENT-CLASS-525-434 ..... c 27 N92-31792 *
US-PATENT-CLASS-525-436 ..... c 27 N86-19456 *
US-PATENT-CLASS-525-436 ..... c 27 N87-28657 *
US-PATENT-CLASS-525-436 ..... c 27 N91-15402 *
US-PATENT-CLASS-525-436 ..... c 27 N92-31792 *
US-PATENT-CLASS-525-471 ..... c 27 N91-31307 *
US-PATENT-CLASS-525-474 ..... c 27 N83-28240 *
US-PATENT-CLASS-525-474 ..... c 27 N85-21349 *
US-PATENT-CLASS-525-47 ..... c 27 N85-29043 *
US-PATENT-CLASS-525-484 ..... c 24 N84-34571 *
US-PATENT-CLASS-525-4 ..... c 25 N80-23383 *
US-PATENT-CLASS-525-527 ..... c 24 N86-19380 *
US-PATENT-CLASS-525-532 ..... c 23 N85-28973 *
US-PATENT-CLASS-525-534 ..... c 27 N84-22747 *
US-PATENT-CLASS-525-534 ..... c 23 N85-28973 *
US-PATENT-CLASS-525-534 ..... c 27 N86-27450 *
US-PATENT-CLASS-525-535 ..... c 27 N84-22747 *
US-PATENT-CLASS-525-535 ..... c 27 N86-27450 *
US-PATENT-CLASS-525-536 ..... c 27 N84-22747 *
US-PATENT-CLASS-525-56 ..... c 23 N81-29160 *
US-PATENT-CLASS-525-61 ..... c 27 N81-24257 *
US-PATENT-CLASS-525-61 ..... c 23 N81-29160 *
US-PATENT-CLASS-525-61 ..... c 25 N83-13188 *
US-PATENT-CLASS-525-903 ..... c 27 N87-28657 *
US-PATENT-CLASS-525-903 ..... c 27 N92-21711 *
US-PATENT-CLASS-525-905 ..... c 27 N88-18725 *
US-PATENT-CLASS-526-13 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-193 ..... c 27 N78-15276 *
US-PATENT-CLASS-526-1 ..... c 27 N76-24405 *
US-PATENT-CLASS-526-201 ..... c 25 N81-19242 *
US-PATENT-CLASS-526-204 ..... c 25 N85-30039 *
US-PATENT-CLASS-526-217 ..... c 27 N85-21350 *
US-PATENT-CLASS-526-217 ..... c 25 N85-30039 *
US-PATENT-CLASS-526-225 ..... c 27 N78-15276 *
US-PATENT-CLASS-526-23 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-248 ..... c 27 N92-22044 *
US-PATENT-CLASS-526-249 ..... c 27 N92-22044 *
US-PATENT-CLASS-526-255 ..... c 27 N76-24405 *
US-PATENT-CLASS-526-258 ..... c 27 N92-16121 *
US-PATENT-CLASS-526-259 ..... c 27 N83-34040 *
US-PATENT-CLASS-526-261 ..... c 27 N80-24438 *
US-PATENT-CLASS-526-262 ..... c 27 N81-27272 *
US-PATENT-CLASS-526-262 ..... c 27 N84-22745 *
US-PATENT-CLASS-526-262 ..... c 27 N84-27885 *
US-PATENT-CLASS-526-262 ..... c 27 N85-21347 *
US-PATENT-CLASS-526-262 ..... c 27 N85-21350 *
US-PATENT-CLASS-526-262 ..... c 27 N85-21351 *
US-PATENT-CLASS-526-262 ..... c 27 N85-21352 *
US-PATENT-CLASS-526-262 ..... c 25 N85-28982 *
US-PATENT-CLASS-526-262 ..... c 25 N85-30039 *
US-PATENT-CLASS-526-262 ..... c 27 N86-20560 *

US-PATENT-CLASS-526-262 ..... c 24 N86-21590 *
US-PATENT-CLASS-526-262 ..... c 27 N87-22845 *
US-PATENT-CLASS-526-262 ..... c 23 N90-21118 *
US-PATENT-CLASS-526-262 ..... c 23 N91-14418 *
US-PATENT-CLASS-526-262 ..... c 27 N92-22044 *
US-PATENT-CLASS-526-265 ..... c 27 N86-20560 *
US-PATENT-CLASS-526-265 ..... c 24 N86-28131 *
US-PATENT-CLASS-526-274 ..... c 27 N85-21347 *
US-PATENT-CLASS-526-275 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-275 ..... c 27 N80-24438 *
US-PATENT-CLASS-526-276 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-276 ..... c 27 N80-24438 *
US-PATENT-CLASS-526-278 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-278 ..... c 27 N80-24438 *
US-PATENT-CLASS-526-27 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-285 ..... c 27 N83-34040 *
US-PATENT-CLASS-526-285 ..... c 27 N86-27450 *
US-PATENT-CLASS-526-328 ..... c 27 N85-29043 *
US-PATENT-CLASS-526-329.2 .... c 27 N85-29043 *
US-PATENT-CLASS-526-49 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-50 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-60 ..... c 27 N90-23544 *
US-PATENT-CLASS-526-7 ..... c 44 N79-25481 *
US-PATENT-CLASS-526-88 ..... c 25 N81-19242 *
US-PATENT-CLASS-526-914 ..... c 28 N81-15119 *
US-PATENT-CLASS-526-9 ..... c 44 N79-25481 *
US-PATENT-CLASS-528-102 ..... c 24 N86-19380 *
US-PATENT-CLASS-528-103 ..... c 24 N86-19380 *
US-PATENT-CLASS-528-106 ..... c 27 N85-34282 *
US-PATENT-CLASS-528-108 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-108 ..... c 27 N87-25469 *
US-PATENT-CLASS-528-10 ..... c 27 N88-29040 *
US-PATENT-CLASS-528-10 ..... c 27 N90-21177 *
US-PATENT-CLASS-528-110 ..... c 24 N84-11213 *
US-PATENT-CLASS-528-113 ..... c 27 N85-34281 *
US-PATENT-CLASS-528-117 ..... c 27 N85-34281 *
US-PATENT-CLASS-528-118 ..... c 27 N81-17260 *
US-PATENT-CLASS-528-124 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-125 ..... c 27 N83-34040 *
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US-PATENT-CLASS-528-125 ..... c 27 N89-14337 *
US-PATENT-CLASS-528-125 ..... c 27 N90-16950 *
US-PATENT-CLASS-528-125 ..... c 27 N90-23545 *
US-PATENT-CLASS-528-125 ..... c 27 N90-23546 *
US-PATENT-CLASS-528-125 ..... c 27 N91-15403 *
US-PATENT-CLASS-528-125 ..... c 23 N91-27220 *
US-PATENT-CLASS-528-125 ..... c 25 N92-16043 *
US-PATENT-CLASS-528-125 ..... c 27 N92-28751 *
US-PATENT-CLASS-528-125 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-125 ..... c 27 N92-33014 *
US-PATENT-CLASS-528-125 ..... c 27 N92-33015 *
US-PATENT-CLASS-528-126 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-126 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-126 ..... c 27 N83-34040 *
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US-PATENT-CLASS-528-126 ..... c 27 N90-23546 *
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US-PATENT-CLASS-528-126 ..... c 23 N91-27220 *
US-PATENT-CLASS-528-126 ..... c 25 N92-16043 *
US-PATENT-CLASS-528-126 ..... c 27 N92-28751 *
US-PATENT-CLASS-528-126 ..... c 27 N92-33014 *
US-PATENT-CLASS-528-127 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-127 ..... c 27 N92-28751 *
US-PATENT-CLASS-528-128 ..... c 27 N79-28307 *
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US-PATENT-CLASS-528-128 ..... c 27 N90-23546 *
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US-PATENT-CLASS-528-128 ..... c 25 N92-16043 *
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US-PATENT-CLASS-528-128 ..... c 27 N92-33014 *
US-PATENT-CLASS-528-128 ..... c 27 N92-33015 *
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US-PATENT-CLASS-528-166 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-167 ..... c 27 N85-21347 *
US-PATENT-CLASS-528-168 ..... c 27 N81-27271 *
US-PATENT-CLASS-528-168 ..... c 27 N82-18389 *
US-PATENT-CLASS-528-168 ..... c 27 N85-21347 *
US-PATENT-CLASS-528-168 ..... c 27 N85-34280 *
US-PATENT-CLASS-528-168 ..... c 27 N87-16909 *
US-PATENT-CLASS-528-168 ..... c 27 N87-25469 *
US-PATENT-CLASS-528-170 ..... c 27 N85-21347 *
US-PATENT-CLASS-528-170 ..... c 24 N86-25416 *
US-PATENT-CLASS-528-170 ..... c 27 N86-31726 * #
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US-PATENT-CLASS-528-172 ..... c 27 N90-23546 *
US-PATENT-CLASS-528-172 ..... c 27 N91-15403 *
US-PATENT-CLASS-528-172 ..... c 25 N92-16043 *
US-PATENT-CLASS-528-172 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-172 ..... c 27 N92-33015 *
US-PATENT-CLASS-528-173 ..... c 27 N82-11206 *
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US-PATENT-CLASS-528-173 ..... c 25 N92-16043 *
US-PATENT-CLASS-528-173 ..... c 27 N92-33014 *
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US-PATENT-CLASS-528-179 ..... c 27 N92-33014 *
US-PATENT-CLASS-528-180 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-182 ..... c 27 N86-19456 *
US-PATENT-CLASS-528-182 ..... c 27 N92-33014 *
US-PATENT-CLASS-528-183 ..... c 27 N84-22746 *
US-PATENT-CLASS-528-183 ..... c 27 N85-20123 *
US-PATENT-CLASS-528-183 ..... c 27 N86-29039 *
US-PATENT-CLASS-528-184 ..... c 27 N87-22848 *
US-PATENT-CLASS-528-185 ..... c 27 N84-22749 *
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US-PATENT-CLASS-528-185 ..... c 27 N92-29157 *
US-PATENT-CLASS-528-185 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-185 ..... c 27 N92-33015 *
US-PATENT-CLASS-528-186 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-187 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-188 ..... c 23 N90-19300 *
US-PATENT-CLASS-528-188 ..... c 27 N90-23546 *
US-PATENT-CLASS-528-188 ..... c 27 N92-33014 *
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US-PATENT-CLASS-528-192 ..... c 27 N87-22848 *
US-PATENT-CLASS-528-193 ..... c 27 N87-22848 *
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US-PATENT-CLASS-528-207 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-208 ..... c 27 N80-16158 *
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US-PATENT-CLASS-528-210 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-211 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-212 ..... c 27 N90-23545 *
US-PATENT-CLASS-528-219 ..... c 23 N91-27220 *
US-PATENT-CLASS-528-220 ..... c 27 N83-34040 *
US-PATENT-CLASS-528-220 ..... c 27 N84-22746 *
US-PATENT-CLASS-528-220 ..... c 27 N85-20123 *
US-PATENT-CLASS-528-220 ..... c 24 N86-25416 *
US-PATENT-CLASS-528-220 ..... c 27 N86-31726 * #
US-PATENT-CLASS-528-220 ..... c 27 N87-21112 *
US-PATENT-CLASS-528-220 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-220 ..... c 23 N91-27220 *
US-PATENT-CLASS-528-220 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-220 ..... c 27 N92-28751 *
US-PATENT-CLASS-528-221 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-222 ..... c 27 N81-29229 *
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US-PATENT-CLASS-528-222 ..... c 27 N83-34041 *
US-PATENT-CLASS-528-222 ..... c 27 N86-29039 *
US-PATENT-CLASS-528-222 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-223 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-224 ..... c 27 N92-28751 *
US-PATENT-CLASS-528-225 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-225 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-225 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-226 ..... c 27 N83-34041 *
US-PATENT-CLASS-528-226 ..... c 27 N85-20124 *
US-PATENT-CLASS-528-226 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-227 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-227 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-228 ..... c 27 N81-27272 *
US-PATENT-CLASS-528-228 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-228 ..... c 27 N83-34040 *
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US-PATENT-CLASS-528-229 ..... c 27 N79-33316 *
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US-PATENT-CLASS-528-229 ..... c 27 N85-21352 *
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US-PATENT-CLASS-528-229 ..... c 27 N85-34282 *
US-PATENT-CLASS-528-229 ..... c 27 N86-19457 *
US-PATENT-CLASS-528-229 ..... c 27 N87-21112 *
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US-PATENT-CLASS-528-229 ..... c 23 N90-19300 *
US-PATENT-CLASS-528-229 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-22 ..... c 27 N92-16121 *
US-PATENT-CLASS-528-230 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-233 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-239 ..... c 27 N85-20124 *
US-PATENT-CLASS-528-241 ..... c 27 N85-20124 *
US-PATENT-CLASS-528-258 ..... c 27 N85-20124 *
US-PATENT-CLASS-528-25 ..... c 27 N84-22747 *
US-PATENT-CLASS-528-26 ..... c 27 N84-22747 *
US-PATENT-CLASS-528-26 ..... c 27 N87-14516 *
US-PATENT-CLASS-528-271 ..... c 27 N84-27884 *
US-PATENT-CLASS-528-279 ..... c 27 N85-20124 *
US-PATENT-CLASS-528-288 ..... c 27 N85-29043 *
US-PATENT-CLASS-528-289 ..... c 27 N85-29043 *
US-PATENT-CLASS-528-303 ..... c 27 N85-29043 *
US-PATENT-CLASS-528-304 ..... c 27 N85-29043 *
US-PATENT-CLASS-528-308 ..... c 27 N90-21198 *
US-PATENT-CLASS-528-30 ..... c 27 N88-29040 *
US-PATENT-CLASS-528-30 ..... c 27 N90-21177 *
US-PATENT-CLASS-528-310 ..... c 27 N81-17262 *
US-PATENT-CLASS-528-310 ..... c 27 N81-24256 *
US-PATENT-CLASS-528-310 ..... c 27 N82-24338 *
US-PATENT-CLASS-528-310 ..... c 27 N84-27884 *
US-PATENT-CLASS-528-310 ..... c 23 N86-19376 *
US-PATENT-CLASS-528-314 ..... c 25 N85-30039 *
US-PATENT-CLASS-528-315 ..... c 27 N85-21350 *
US-PATENT-CLASS-528-321 ..... c 27 N85-21347 *
US-PATENT-CLASS-528-321 ..... c 24 N86-25416 *
US-PATENT-CLASS-528-321 ..... c 27 N86-31726 * #
US-PATENT-CLASS-528-321 ..... c 27 N87-16909 *
US-PATENT-CLASS-528-321 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-322 ..... c 27 N81-17260 *
US-PATENT-CLASS-528-322 ..... c 27 N84-22745 *
US-PATENT-CLASS-528-322 ..... c 27 N84-27885 *
US-PATENT-CLASS-528-322 ..... c 27 N85-21347 *
US-PATENT-CLASS-528-322 ..... c 27 N85-21350 *
US-PATENT-CLASS-528-322 ..... c 27 N85-21351 *
US-PATENT-CLASS-528-322 ..... c 27 N85-21352 *
US-PATENT-CLASS-528-322 ..... c 25 N85-28982 *
US-PATENT-CLASS-528-322 ..... c 25 N85-30039 *
US-PATENT-CLASS-528-322 ..... c 27 N86-19457 *
US-PATENT-CLASS-528-322 ..... c 24 N86-25416 *
US-PATENT-CLASS-528-322 ..... c 27 N86-31726 * #
US-PATENT-CLASS-528-322 ..... c 27 N87-16909 *
US-PATENT-CLASS-528-322 ..... c 27 N87-21112 *
US-PATENT-CLASS-528-322 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-322 ..... c 23 N90-21118 *
US-PATENT-CLASS-528-322 ..... c 23 N91-14418 *
US-PATENT-CLASS-528-327 ..... c 27 N84-27884 *
US-PATENT-CLASS-528-327 ..... c 27 N86-19455 *
US-PATENT-CLASS-528-327 ..... c 27 N87-21112 *
US-PATENT-CLASS-528-328 ..... c 27 N82-24338 *
US-PATENT-CLASS-528-331 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-331 ..... c 27 N84-27884 *
US-PATENT-CLASS-528-331 ..... c 27 N87-21112 *
US-PATENT-CLASS-528-336 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-336 ..... c 27 N85-20123 *
US-PATENT-CLASS-528-336 ..... c 27 N85-21350 *
US-PATENT-CLASS-528-336 ..... c 27 N86-32568 * #
US-PATENT-CLASS-528-337 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-337 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-337 ..... c 27 N86-32568 * #
US-PATENT-CLASS-528-338 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-340 ..... c 27 N86-32568 * #
US-PATENT-CLASS-528-341 ..... c 27 N86-29039 *
US-PATENT-CLASS-528-342 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-342 ..... c 27 N84-27885 *
US-PATENT-CLASS-528-342 ..... c 27 N85-21350 *
US-PATENT-CLASS-528-342 ..... c 27 N85-21351 *
US-PATENT-CLASS-528-342 ..... c 27 N85-21352 *
US-PATENT-CLASS-528-342 ..... c 25 N85-28982 *
US-PATENT-CLASS-528-342 ..... c 27 N86-19457 *
US-PATENT-CLASS-528-345 ..... c 27 N84-22746 *
US-PATENT-CLASS-528-345 ..... c 27 N85-20123 *
US-PATENT-CLASS-528-345 ..... c 27 N86-19457 *
US-PATENT-CLASS-528-347 ..... c 27 N86-32568 * #
US-PATENT-CLASS-528-348 ..... c 27 N84-22746 *
US-PATENT-CLASS-528-350 ..... c 24 N91-25200 *
US-PATENT-CLASS-528-351 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-352 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-352 ..... c 27 N85-34280 *
US-PATENT-CLASS-528-352 ..... c 27 N86-19456 *
US-PATENT-CLASS-528-352 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-352 ..... c 23 N90-19300 *
US-PATENT-CLASS-528-352 ..... c 24 N91-25200 *
US-PATENT-CLASS-528-352 ..... c 27 N92-29157 *
US-PATENT-CLASS-528-352 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-352 ..... c 27 N92-33015 *
US-PATENT-CLASS-528-353 ..... c 27 N81-19296 *
US-PATENT-CLASS-528-353 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-353 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-353 ..... c 27 N85-34280 *
US-PATENT-CLASS-528-353 ..... c 27 N86-19456 *
US-PATENT-CLASS-528-353 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-353 ..... c 27 N90-16950 *
US-PATENT-CLASS-528-353 ..... c 23 N90-19300 *
US-PATENT-CLASS-528-353 ..... c 27 N90-23546 *
US-PATENT-CLASS-528-353 ..... c 27 N91-15402 *
US-PATENT-CLASS-528-353 ..... c 27 N91-15403 *

US-PATENT-CLASS-528-353 ..... c 27 N92-29157 *
US-PATENT-CLASS-528-353 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-353 ..... c 27 N92-33015 *
US-PATENT-CLASS-528-361 ..... c 24 N84-11213 *
US-PATENT-CLASS-528-362 ..... c 25 N81-14016 *
US-PATENT-CLASS-528-362 ..... c 27 N81-17259 *
US-PATENT-CLASS-528-362 ..... c 27 N81-17262 *
US-PATENT-CLASS-528-362 ..... c 27 N82-24338 *
US-PATENT-CLASS-528-362 ..... c 27 N84-22744 *
US-PATENT-CLASS-528-362 ..... c 27 N84-27884 *
US-PATENT-CLASS-528-362 ..... c 27 N87-21112 *
US-PATENT-CLASS-528-38 ..... c 27 N83-34040 *
US-PATENT-CLASS-528-394 ..... c 27 N84-22750 *
US-PATENT-CLASS-528-399 ..... c 27 N81-27271 *
US-PATENT-CLASS-528-399 ..... c 27 N82-18389 *
US-PATENT-CLASS-528-399 ..... c 27 N84-22750 *
US-PATENT-CLASS-528-399 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-401 ..... c 27 N79-22300 *
US-PATENT-CLASS-528-401 ..... c 25 N81-14016 *
US-PATENT-CLASS-528-401 ..... c 27 N81-17259 *
US-PATENT-CLASS-528-401 ..... c 27 N81-17262 *
US-PATENT-CLASS-528-401 ..... c 27 N82-24338 *
US-PATENT-CLASS-528-401 ..... c 23 N82-28353 *
US-PATENT-CLASS-528-401 ..... c 27 N84-22744 *
US-PATENT-CLASS-528-402 ..... c 25 N82-24312 *
US-PATENT-CLASS-528-406 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-407 ..... c 24 N84-34571 *
US-PATENT-CLASS-528-407 ..... c 27 N85-34281 *
US-PATENT-CLASS-528-407 ..... c 27 N85-34282 *
US-PATENT-CLASS-528-407 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-413 ..... c 27 N87-24564 *
US-PATENT-CLASS-528-422 ..... c 27 N79-22300 *
US-PATENT-CLASS-528-422 ..... c 25 N81-14016 *
US-PATENT-CLASS-528-422 ..... c 27 N81-17259 *
US-PATENT-CLASS-528-422 ..... c 27 N81-17262 *
US-PATENT-CLASS-528-422 ..... c 27 N82-24338 *
US-PATENT-CLASS-528-422 ..... c 23 N82-28353 *
US-PATENT-CLASS-528-422 ..... c 27 N84-22744 *
US-PATENT-CLASS-528-423 ..... c 27 N81-17259 *
US-PATENT-CLASS-528-423 ..... c 27 N84-22744 *
US-PATENT-CLASS-528-481 ..... c 27 N80-24438 *
US-PATENT-CLASS-528-4 ..... c 27 N81-27271 *
US-PATENT-CLASS-528-4 ..... c 27 N82-18389 *
US-PATENT-CLASS-528-4 ..... c 27 N88-29040 *
US-PATENT-CLASS-528-4 ..... c 27 N90-21177 *
US-PATENT-CLASS-528-6 ..... c 27 N81-27271 *
US-PATENT-CLASS-528-6 ..... c 27 N82-18389 *
US-PATENT-CLASS-528-6 ..... c 27 N84-22750 *
US-PATENT-CLASS-528-72 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-73 ..... c 25 N80-16116 *
US-PATENT-CLASS-528-73 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-7 ..... c 27 N82-18389 *
US-PATENT-CLASS-528-7 ..... c 27 N84-22750 *
US-PATENT-CLASS-528-86 ..... c 23 N85-28973 *
US-PATENT-CLASS-528-92 ..... c 24 N84-34571 *
US-PATENT-CLASS-528-92 ..... c 27 N85-34282 *
US-PATENT-CLASS-528-94 ..... c 27 N85-34281 *
US-PATENT-CLASS-53-102 ..... c 15 N71-21528 *
US-PATENT-CLASS-53-112A ..... c 15 N73-27405 *
US-PATENT-CLASS-53-22A ..... c 15 N73-27405 *
US-PATENT-CLASS-53-22 ..... c 15 N71-23256 *
US-PATENT-CLASS-53-429 ..... c 09 N82-29330 *
US-PATENT-CLASS-53-9 ..... c 37 N77-23482 *
US-PATENT-CLASS-530-362 ..... c 52 N90-20616 *
US-PATENT-CLASS-530-363 ..... c 52 N90-20616 *
US-PATENT-CLASS-530-364 ..... c 52 N90-20616 *
US-PATENT-CLASS-530-387 ..... c 52 N90-20616 *
US-PATENT-CLASS-530-413 ..... c 25 N92-33009 *
US-PATENT-CLASS-530-422 ..... c 52 N90-20616 *
US-PATENT-CLASS-536-105 ..... c 27 N77-30236 *
US-PATENT-CLASS-536-536-85 . c 27 N77-30236 *
US-PATENT-CLASS-536-56 ..... c 27 N77-30236 *
US-PATENT-CLASS-536-58 ..... c 27 N77-30236 *
US-PATENT-CLASS-536-84 ..... c 27 N77-30236 *
US-PATENT-CLASS-538-117 ..... c 27 N81-17260 *
US-PATENT-CLASS-544-193 ..... c 27 N78-15276 *
US-PATENT-CLASS-544-193 ..... c 27 N79-28307 *
US-PATENT-CLASS-544-195 ..... c 27 N78-32256 *
US-PATENT-CLASS-544-215 ..... c 27 N84-22744 *
US-PATENT-CLASS-546-262 ..... c 27 N87-22847 *
US-PATENT-CLASS-546-264 ..... c 27 N87-22847 *
US-PATENT-CLASS-546-339 ..... c 27 N87-16908 *
US-PATENT-CLASS-546-346 ..... c 27 N87-16908 *
US-PATENT-CLASS-546-350 ..... c 27 N87-16908 *
US-PATENT-CLASS-547-131 ..... c 23 N82-28353 *
US-PATENT-CLASS-548-143 ..... c 23 N92-29141 *
US-PATENT-CLASS-548-400 ..... c 23 N90-21118 *
US-PATENT-CLASS-548-413 ..... c 27 N83-31854 *
US-PATENT-CLASS-548-413 ..... c 23 N86-19376 *
US-PATENT-CLASS-548-413 ..... c 27 N87-23751 *
US-PATENT-CLASS-548-415 ..... c 27 N83-31854 *
US-PATENT-CLASS-548-415 ..... c 27 N84-22745 *
US-PATENT-CLASS-548-520 ..... c 27 N90-23545 *
US-PATENT-CLASS-548-524 ..... c 23 N90-21118 *
US-PATENT-CLASS-548-549 ..... c 23 N91-14419 *
US-PATENT-CLASS-549-241 ..... c 23 N88-26404 *
US-PATENT-CLASS-549-241 ..... c 25 N90-23497 *
US-PATENT-CLASS-549-335 ..... c 23 N85-33187 *
US-PATENT-CLASS-55-DIG.25 .... c 35 N84-17555 *
US-PATENT-CLASS-55-DIG.30 .... c 35 N84-17555 *
US-PATENT-CLASS-55-DIG.35 .... c 54 N75-27761 *
US-PATENT-CLASS-55-DIG.42 .... c 37 N85-29283 *
US-PATENT-CLASS-55-100 ..... c 35 N78-12390 *
US-PATENT-CLASS-55-100 ..... c 25 N78-25148 *
US-PATENT-CLASS-55-101 ..... c 25 N78-25148 *
US-PATENT-CLASS-55-105 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-105 ..... c 33 N90-20320 *
US-PATENT-CLASS-55-118 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-122 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-126 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-127 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-12 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-131 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-138 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-139 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-139 ..... c 33 N90-20320 *
US-PATENT-CLASS-55-145 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-15-8 ..... c 52 N79-14749 *
US-PATENT-CLASS-55-155 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-158 ..... c 18 N71-20742 *
US-PATENT-CLASS-55-158 ..... c 44 N77-22607 *
US-PATENT-CLASS-55-158 ..... c 25 N82-21269 *
US-PATENT-CLASS-55-159 ..... c 34 N74-30608 *
US-PATENT-CLASS-55-159 ..... c 37 N79-21345 *
US-PATENT-CLASS-55-159 ..... c 31 N90-20254 *
US-PATENT-CLASS-55-15 ..... c 71 N83-35781 *
US-PATENT-CLASS-55-15 ..... c 71 N85-22104 *
US-PATENT-CLASS-55-15 ..... c 25 N92-33611 *
US-PATENT-CLASS-55-160 ..... c 15 N71-15968 *
US-PATENT-CLASS-55-160 ..... c 29 N90-20236 *
US-PATENT-CLASS-55-160 ..... c 35 N90-22024 *
US-PATENT-CLASS-55-16 ..... c 06 N72-31140 *
US-PATENT-CLASS-55-179 ..... c 14 N71-17588 *
US-PATENT-CLASS-55-179 ..... c 54 N77-32722 *
US-PATENT-CLASS-55-182 ..... c 29 N90-20236 *
US-PATENT-CLASS-55-194 ..... c 35 N83-29652 *
US-PATENT-CLASS-55-197 ..... c 23 N77-17161 *
US-PATENT-CLASS-55-199 ..... c 34 N74-30608 *
US-PATENT-CLASS-55-202 ..... c 35 N83-29652 *
US-PATENT-CLASS-55-203 ..... c 35 N90-22024 *
US-PATENT-CLASS-55-204 ..... c 15 N71-23023 *
US-PATENT-CLASS-55-204 ..... c 44 N83-10501 *
US-PATENT-CLASS-55-204 ..... c 35 N90-22024 *
US-PATENT-CLASS-55-205 ..... c 29 N90-20236 *
US-PATENT-CLASS-55-208 ..... c 14 N71-18483 *
US-PATENT-CLASS-55-228 ..... c 45 N91-14662 *
US-PATENT-CLASS-55-241 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-242 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-242 ..... c 45 N91-14662 *
US-PATENT-CLASS-55-255 ..... c 35 N86-29174 *
US-PATENT-CLASS-55-259 ..... c 35 N86-29174 *
US-PATENT-CLASS-55-26-9 ..... c 35 N78-12390 *
US-PATENT-CLASS-55-261 ..... c 35 N76-18401 *
US-PATENT-CLASS-55-269 ..... c 54 N77-32722 *
US-PATENT-CLASS-55-270 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-277 ..... c 71 N83-35781 *
US-PATENT-CLASS-55-277 ..... c 71 N85-22104 *
US-PATENT-CLASS-55-277 ..... c 25 N92-33611 *
US-PATENT-CLASS-55-283 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-291 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-2 ..... c 25 N78-25148 *
US-PATENT-CLASS-55-2 ..... c 28 N81-14103 *
US-PATENT-CLASS-55-2 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-306 ..... c 28 N70-34788 *
US-PATENT-CLASS-55-35 ..... c 05 N70-41297 *
US-PATENT-CLASS-55-360 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-386 ..... c 35 N75-26334 *
US-PATENT-CLASS-55-38 ..... c 71 N83-35781 *
US-PATENT-CLASS-55-3 ..... c 35 N78-12390 *
US-PATENT-CLASS-55-400 ..... c 11 N71-10777 *
US-PATENT-CLASS-55-407 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-408 ..... c 15 N70-40062 *
US-PATENT-CLASS-55-418 ..... c 15 N71-22721 *
US-PATENT-CLASS-55-43 ..... c 34 N74-30608 *
US-PATENT-CLASS-55-446 ..... c 15 N72-22489 *
US-PATENT-CLASS-55-464 ..... c 15 N72-22489 *
US-PATENT-CLASS-55-466 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-46 ..... c 31 N90-20254 *
US-PATENT-CLASS-55-493 ..... c 14 N72-23457 *
US-PATENT-CLASS-55-498 ..... c 14 N72-23457 *
US-PATENT-CLASS-55-502 ..... c 14 N72-23457 *
US-PATENT-CLASS-55-510 ..... c 25 N74-12813 *
US-PATENT-CLASS-55-518 ..... c 25 N74-12813 *
US-PATENT-CLASS-55-521 ..... c 14 N72-23457 *
US-PATENT-CLASS-55-521 ..... c 35 N86-29174 *
US-PATENT-CLASS-55-523 ..... c 34 N76-27515 *
US-PATENT-CLASS-55-526 ..... c 34 N76-27515 *
US-PATENT-CLASS-55-528 ..... c 35 N86-29174 *
US-PATENT-CLASS-55-52 ..... c 71 N83-35781 *
US-PATENT-CLASS-55-55 ..... c 06 N72-31140 *
US-PATENT-CLASS-55-66 ..... c 25 N80-23383 *
US-PATENT-CLASS-55-67 ..... c 23 N77-17161 *
US-PATENT-CLASS-55-67 ..... c 25 N80-23383 *
US-PATENT-CLASS-55-68 ..... c 25 N80-23383 *
US-PATENT-CLASS-55-68 ..... c 45 N91-14662 *
US-PATENT-CLASS-55-6 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-72 ..... c 25 N80-23383 *
US-PATENT-CLASS-55-73 ..... c 45 N79-12584 *
US-PATENT-CLASS-55-74 ..... c 23 N77-17161 *
US-PATENT-CLASS-55-74 ..... c 45 N91-14662 *
US-PATENT-CLASS-55-75 ..... c 15 N71-26185 *
US-PATENT-CLASS-55-75 ..... c 54 N91-31803 * #
US-PATENT-CLASS-55-84 ..... c 45 N91-14662 *
US-PATENT-CLASS-55-89 ..... c 45 N91-14662 *
US-PATENT-CLASS-55-96 ..... c 35 N84-17555 *
US-PATENT-CLASS-552-101 ..... c 23 N91-17141 *
US-PATENT-CLASS-552-101 ..... c 23 N91-25185 *
US-PATENT-CLASS-552-108 ..... c 23 N91-25185 *
US-PATENT-CLASS-552-110 ..... c 23 N91-25185 *
US-PATENT-CLASS-552-113 ..... c 23 N91-25185 *
US-PATENT-CLASS-552-115 ..... c 23 N91-25185 *
US-PATENT-CLASS-556-402 ..... c 27 N90-21177 *
US-PATENT-CLASS-556-410 ..... c 25 N85-21280 *
US-PATENT-CLASS-556-436 ..... c 27 N86-21675 *
US-PATENT-CLASS-558-145 ..... c 23 N87-28605 *
US-PATENT-CLASS-558-190 ..... c 23 N87-28605 *
US-PATENT-CLASS-558-190 ..... c 23 N90-20133 *
US-PATENT-CLASS-558-193 ..... c 23 N87-28605 *
US-PATENT-CLASS-558-193 ..... c 23 N90-23475 *
US-PATENT-CLASS-558-80 ..... c 23 N88-24692 *
US-PATENT-CLASS-56-73 ..... c 74 N86-26190 *
US-PATENT-CLASS-560-104 ..... c 27 N87-16907 *
US-PATENT-CLASS-562-413 ..... c 25 N90-23497 *
US-PATENT-CLASS-562-415 ..... c 25 N90-23497 *
US-PATENT-CLASS-562-417 ..... c 25 N90-23497 *
US-PATENT-CLASS-564-113 ..... c 23 N86-19376 *
US-PATENT-CLASS-564-13 ..... c 23 N88-24692 *
US-PATENT-CLASS-564-15 ..... c 27 N86-32568 * #
US-PATENT-CLASS-564-229 ..... c 27 N81-24256 *
US-PATENT-CLASS-564-229 ..... c 23 N82-28353 *
US-PATENT-CLASS-564-243 ..... c 27 N84-22744 *
US-PATENT-CLASS-564-243 ..... c 23 N86-21582 *
US-PATENT-CLASS-564-315 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-315 ..... c 27 N92-33015 *
US-PATENT-CLASS-564-323 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-330 ..... c 27 N87-22847 *
US-PATENT-CLASS-564-330 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-342 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-344 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-396 ..... c 27 N87-22847 *
US-PATENT-CLASS-564-396 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-430 ..... c 27 N87-22847 *
US-PATENT-CLASS-564-430 ..... c 23 N89-12667 *
US-PATENT-CLASS-568-14 ..... c 27 N86-32568 * #
US-PATENT-CLASS-568-2 ..... c 27 N82-18389 *
US-PATENT-CLASS-568-445 ..... c 23 N82-16174 *
US-PATENT-CLASS-568-497 ..... c 23 N82-16174 *
US-PATENT-CLASS-568-4 ..... c 27 N82-18389 *
US-PATENT-CLASS-568-4 ..... c 27 N84-22750 *
US-PATENT-CLASS-568-5 ..... c 27 N82-18389 *
US-PATENT-CLASS-568-5 ..... c 27 N84-22750 *
US-PATENT-CLASS-568-852 ..... c 27 N80-32514 *
US-PATENT-CLASS-568-861 ..... c 27 N80-32514 *
US-PATENT-CLASS-57-906 ..... c 37 N82-18601 *
US-PATENT-CLASS-570-123 ..... c 25 N82-24312 *
US-PATENT-CLASS-570-129 ..... c 25 N82-24312 *
US-PATENT-CLASS-58-24 ..... c 10 N71-26326 *
US-PATENT-CLASS-585-24 ..... c 27 N86-21675 *
US-PATENT-CLASS-60.39.08 ..... c 37 N79-11403 *
US-PATENT-CLASS-60-108 ..... c 33 N71-16104 *
US-PATENT-CLASS-60-1 ..... c 15 N72-33477 *
US-PATENT-CLASS-60-1 ..... c 15 N73-13467 *
US-PATENT-CLASS-60-200A ..... c 33 N72-25911 *
US-PATENT-CLASS-60-200A ..... c 33 N73-25952 *
US-PATENT-CLASS-60-200A ..... c 27 N78-17206 *
US-PATENT-CLASS-60-200R ..... c 20 N82-18314 *
US-PATENT-CLASS-60-200 ..... c 28 N71-14044 *
US-PATENT-CLASS-60-202 ..... c 28 N70-41922 *
US-PATENT-CLASS-60-202 ..... c 28 N71-10574 *
US-PATENT-CLASS-60-202 ..... c 25 N71-21694 *
US-PATENT-CLASS-60-202 ..... c 28 N71-21822 *
US-PATENT-CLASS-60-202 ..... c 28 N71-23081 *
US-PATENT-CLASS-60-202 ..... c 28 N71-23293 *
US-PATENT-CLASS-60-202 ..... c 28 N71-25213 *
US-PATENT-CLASS-60-202 ..... c 28 N71-26173 *
US-PATENT-CLASS-60-202 ..... c 28 N71-26642 *
US-PATENT-CLASS-60-202 ..... c 28 N71-26781 *
US-PATENT-CLASS-60-202 ..... c 28 N72-11709 *
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US-PATENT-CLASS-60-202 ..... c 28 N72-22771 *
US-PATENT-CLASS-60-202 ..... c 28 N73-24783 *
US-PATENT-CLASS-60-202 ..... c 25 N73-25760 *
US-PATENT-CLASS-60-202 ..... c 28 N73-27699 *
US-PATENT-CLASS-60-202 ..... c 20 N77-10148 *
US-PATENT-CLASS-60-202 ..... c 20 N77-20162 *
US-PATENT-CLASS-60-202 ..... c 20 N85-21256 *
US-PATENT-CLASS-60-202 ..... c 20 N89-25279 *
US-PATENT-CLASS-60-203.1 ..... c 20 N86-26368 *

US-PATENT-CLASS-60-203.1 ..... c 20 N87-16875 *
US-PATENT-CLASS-60-203.1 ..... c 09 N88-28939 *
US-PATENT-CLASS-60-203 ..... c 20 N80-14188 *
US-PATENT-CLASS-60-204 ..... c 07 N78-17055 *
US-PATENT-CLASS-60-204 ..... c 07 N78-18067 *
US-PATENT-CLASS-60-204 ..... c 44 N81-24519 *
US-PATENT-CLASS-60-204 ..... c 20 N90-19298 *
US-PATENT-CLASS-60-204 ..... c 20 N92-15122 *
US-PATENT-CLASS-60-211 ..... c 28 N73-13773 *
US-PATENT-CLASS-60-214 ..... c 15 N74-27360 *
US-PATENT-CLASS-60-215 ..... c 06 N73-30097 *
US-PATENT-CLASS-60-215 ..... c 15 N74-27360 *
US-PATENT-CLASS-60-217 ..... c 12 N71-17631 *
US-PATENT-CLASS-60-225 ..... c 28 N71-10780 *
US-PATENT-CLASS-60-226A ..... c 07 N77-17059 *
US-PATENT-CLASS-60-226A ..... c 07 N79-14096 *
US-PATENT-CLASS-60-226A ..... c 07 N79-14097 *
US-PATENT-CLASS-60-226A ..... c 07 N82-26293 *
US-PATENT-CLASS-60-226R ..... c 07 N78-18066 *
US-PATENT-CLASS-60-226R ..... c 07 N77-14025 *
US-PATENT-CLASS-60-226R ..... c 07 N77-28118 *
US-PATENT-CLASS-60-226R ..... c 07 N78-17055 *
US-PATENT-CLASS-60-226R ..... c 07 N78-17056 *
US-PATENT-CLASS-60-226R ..... c 07 N78-25089 *
US-PATENT-CLASS-60-226R ..... c 07 N79-14096 *
US-PATENT-CLASS-60-226R ..... c 07 N81-19116 *
US-PATENT-CLASS-60-228 ..... c 07 N77-17059 *
US-PATENT-CLASS-60-230 ..... c 07 N78-27121 *
US-PATENT-CLASS-60-236 ..... c 07 N81-19116 *
US-PATENT-CLASS-60-238 ..... c 07 N81-19116 *
US-PATENT-CLASS-60-239 ..... c 07 N81-19116 *
US-PATENT-CLASS-60-23 ..... c 09 N71-26182 *
US-PATENT-CLASS-60-23 ..... c 15 N72-12409 *
US-PATENT-CLASS-60-23 ..... c 21 N72-31637 *
US-PATENT-CLASS-60-23 ..... c 15 N73-13467 *
US-PATENT-CLASS-60-240 ..... c 28 N71-24736 *
US-PATENT-CLASS-60-240 ..... c 28 N73-13773 *
US-PATENT-CLASS-60-240 ..... c 07 N80-18039 *
US-PATENT-CLASS-60-240 ..... c 20 N92-10054 *
US-PATENT-CLASS-60-240 ..... c 20 N92-15122 *
US-PATENT-CLASS-60-243 ..... c 33 N71-21507 *
US-PATENT-CLASS-60-243 ..... c 15 N71-27432 *
US-PATENT-CLASS-60-243 ..... c 28 N73-13773 *
US-PATENT-CLASS-60-243 ..... c 20 N79-21124 *
US-PATENT-CLASS-60-243 ..... c 20 N92-15122 *
US-PATENT-CLASS-60-251 ..... c 28 N70-41311 *
US-PATENT-CLASS-60-251 ..... c 27 N71-21819 *
US-PATENT-CLASS-60-254 ..... c 28 N72-20758 *
US-PATENT-CLASS-60-254 ..... c 28 N73-24784 *
US-PATENT-CLASS-60-256 ..... c 28 N73-24784 *
US-PATENT-CLASS-60-257 ..... c 31 N70-41948 *
US-PATENT-CLASS-60-258 ..... c 15 N70-22192 * #
US-PATENT-CLASS-60-258 ..... c 28 N71-22983 *
US-PATENT-CLASS-60-258 ..... c 28 N71-28849 *
US-PATENT-CLASS-60-258 ..... c 28 N72-17843 *
US-PATENT-CLASS-60-258 ..... c 15 N72-25455 *
US-PATENT-CLASS-60-258 ..... c 20 N74-13502 *
US-PATENT-CLASS-60-258 ..... c 20 N87-14420 *
US-PATENT-CLASS-60-258 ..... c 20 N92-10054 *
US-PATENT-CLASS-60-259 ..... c 28 N70-41275 *
US-PATENT-CLASS-60-259 ..... c 20 N74-13502 *
US-PATENT-CLASS-60-259 ..... c 34 N77-30399 *
US-PATENT-CLASS-60-259 ..... c 20 N80-14188 *
US-PATENT-CLASS-60-259 ..... c 05 N81-26114 *
US-PATENT-CLASS-60-259 ..... c 20 N90-19298 *
US-PATENT-CLASS-60-259 ..... c 20 N92-15122 *
US-PATENT-CLASS-60-25 ..... c 15 N73-24513 *
US-PATENT-CLASS-60-25 ..... c 37 N74-21060 *
US-PATENT-CLASS-60-260 ..... c 28 N70-41992 *
US-PATENT-CLASS-60-260 ..... c 28 N72-18766 *
US-PATENT-CLASS-60-260 ..... c 20 N90-19298 *
US-PATENT-CLASS-60-261 ..... c 37 N78-17384 *
US-PATENT-CLASS-60-262 ..... c 37 N78-17384 *
US-PATENT-CLASS-60-262 ..... c 07 N78-18067 *
US-PATENT-CLASS-60-262 ..... c 07 N83-33884 *
US-PATENT-CLASS-60-263 ..... c 28 N71-24321 *
US-PATENT-CLASS-60-263 ..... c 07 N77-28118 *
US-PATENT-CLASS-60-264 ..... c 07 N80-32392 *
US-PATENT-CLASS-60-264 ..... c 20 N89-25279 *
US-PATENT-CLASS-60-265 ..... c 28 N71-20942 *
US-PATENT-CLASS-60-265 ..... c 33 N72-25911 *
US-PATENT-CLASS-60-265 ..... c 33 N73-25952 *
US-PATENT-CLASS-60-265 ..... c 20 N76-14191 *
US-PATENT-CLASS-60-266 ..... c 33 N71-28852 *
US-PATENT-CLASS-60-266 ..... c 28 N72-23810 *
US-PATENT-CLASS-60-267 ..... c 33 N71-29053 *
US-PATENT-CLASS-60-267 ..... c 33 N72-25911 *
US-PATENT-CLASS-60-267 ..... c 33 N73-25952 *
US-PATENT-CLASS-60-267 ..... c 28 N73-32606 *
US-PATENT-CLASS-60-267 ..... c 20 N76-14191 *
US-PATENT-CLASS-60-267 ..... c 34 N79-13288 *
US-PATENT-CLASS-60-267 ..... c 34 N79-13289 *
US-PATENT-CLASS-60-267 ..... c 34 N80-24573 *
US-PATENT-CLASS-60-267 ..... c 44 N81-24519 *
US-PATENT-CLASS-60-267 ..... c 05 N81-26114 *
US-PATENT-CLASS-60-269 ..... c 07 N83-33884 *
US-PATENT-CLASS-60-26 ..... c 21 N72-31637 *
US-PATENT-CLASS-60-26 ..... c 03 N73-20040 *
US-PATENT-CLASS-60-271 ..... c 28 N72-11708 *
US-PATENT-CLASS-60-271 ..... c 28 N72-23810 *
US-PATENT-CLASS-60-271 ..... c 07 N78-17055 *
US-PATENT-CLASS-60-271 ..... c 37 N78-17384 *
US-PATENT-CLASS-60-271 ..... c 07 N83-33884 *
US-PATENT-CLASS-60-275 ..... c 35 N84-17555 *
US-PATENT-CLASS-60-291 ..... c 31 N73-13898 *
US-PATENT-CLASS-60-300 ..... c 28 N80-10374 *
US-PATENT-CLASS-60-303 ..... c 35 N84-17555 *
US-PATENT-CLASS-60-303 ..... c 37 N84-33808 *
US-PATENT-CLASS-60-311 ..... c 35 N84-17555 *
US-PATENT-CLASS-60-316 ..... c 34 N76-18364 *
US-PATENT-CLASS-60-35.3 ..... c 28 N70-33265 *
US-PATENT-CLASS-60-35.3 ..... c 28 N70-40367 *
US-PATENT-CLASS-60-35.54 ..... c 28 N70-34294 *
US-PATENT-CLASS-60-35.54 ..... c 28 N70-38645 *
US-PATENT-CLASS-60-35.54 ..... c 28 N71-29153 *
US-PATENT-CLASS-60-35.55 ..... c 28 N70-34162 *
US-PATENT-CLASS-60-35.55 ..... c 28 N70-38711 *
US-PATENT-CLASS-60-35.55 ..... c 21 N71-15582 *
US-PATENT-CLASS-60-35.55 ..... c 15 N71-28951 *
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US-PATENT-CLASS-60-35.5 ..... c 28 N70-34175 *
US-PATENT-CLASS-60-35.5 ..... c 28 N70-36802 *
US-PATENT-CLASS-60-35.5 ..... c 21 N70-36938 *
US-PATENT-CLASS-60-35.5 ..... c 25 N70-36946 *
US-PATENT-CLASS-60-35.5 ..... c 28 N70-37245 *
US-PATENT-CLASS-60-35.5 ..... c 28 N70-37980 *
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US-PATENT-CLASS-60-35.5 ..... c 28 N71-15661 *
US-PATENT-CLASS-60-35.60 ..... c 28 N71-15659 *
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US-PATENT-CLASS-60-35.6 ..... c 28 N70-35381 *
US-PATENT-CLASS-60-35.6 ..... c 27 N70-35534 *
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US-PATENT-CLASS-60-35.6 ..... c 28 N70-38504 *
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US-PATENT-CLASS-60-35.6 ..... c 28 N71-15660 *
US-PATENT-CLASS-60-35.6 ..... c 14 N71-27186 *
US-PATENT-CLASS-60-36 ..... c 15 N72-33477 *
US-PATENT-CLASS-60-37 ..... c 15 N73-13467 *
US-PATENT-CLASS-60-39.02 ..... c 07 N86-20389 *
US-PATENT-CLASS-60-39.03 ..... c 07 N77-23106 *
US-PATENT-CLASS-60-39.03 ..... c 07 N80-18039 *
US-PATENT-CLASS-60-39.06 ..... c 07 N80-26298 *
US-PATENT-CLASS-60-39.06 ..... c 07 N81-29129 *
US-PATENT-CLASS-60-39.07 ..... c 44 N78-32539 *
US-PATENT-CLASS-60-39.07 ..... c 07 N82-32366 *
US-PATENT-CLASS-60-39.07 ..... c 07 N83-36029 *
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US-PATENT-CLASS-60-39.12 ..... c 28 N91-14495 *
US-PATENT-CLASS-60-39.14 ..... c 44 N78-32539 *
US-PATENT-CLASS-60-39.14 ..... c 07 N79-10057 *
US-PATENT-CLASS-60-39.182 .... c 28 N91-14495 *
US-PATENT-CLASS-60-39.23 ..... c 20 N76-14190 *
US-PATENT-CLASS-60-39.23 ..... c 07 N85-35195 *
US-PATENT-CLASS-60-39.24 ..... c 07 N81-19115 *
US-PATENT-CLASS-60-39.27 ..... c 07 N80-18039 *
US-PATENT-CLASS-60-39.28R ... c 28 N73-19793 *
US-PATENT-CLASS-60-39.28R ... c 07 N77-23106 *
US-PATENT-CLASS-60-39.28R ... c 37 N78-10467 *
US-PATENT-CLASS-60-39.28R ... c 37 N78-24545 *
US-PATENT-CLASS-60-39.28R ... c 37 N79-11403 *
US-PATENT-CLASS-60-39.281 .... c 20 N92-10054 *
US-PATENT-CLASS-60-39.29 ..... c 20 N76-14190 *
US-PATENT-CLASS-60-39.29 ..... c 35 N76-14431 *
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US-PATENT-CLASS-60-39.31 ..... c 07 N78-18066 *
US-PATENT-CLASS-60-39.31 ..... c 07 N79-14096 *
US-PATENT-CLASS-60-39.33 ..... c 44 N78-32539 *
US-PATENT-CLASS-60-39.36 ..... c 28 N71-20330 *
US-PATENT-CLASS-60-39.36 ..... c 28 N71-28915 *
US-PATENT-CLASS-60-39.46M ... c 20 N82-18314 *
US-PATENT-CLASS-60-39.465 .... c 20 N86-26368 *
US-PATENT-CLASS-60-39.46 ..... c 27 N71-15635 *
US-PATENT-CLASS-60-39.46 ..... c 15 N74-27360 *
US-PATENT-CLASS-60-39.47 ..... c 27 N71-16392 *
US-PATENT-CLASS-60-39.48 ..... c 28 N70-38199 *
US-PATENT-CLASS-60-39.48 ..... c 28 N70-39931 *
US-PATENT-CLASS-60-39.48 ..... c 27 N71-28929 *
US-PATENT-CLASS-60-39.51R ... c 25 N78-10224 *
US-PATENT-CLASS-60-39.52 ..... c 07 N78-25089 *
US-PATENT-CLASS-60-39.65 ..... c 28 N71-28915 *
US-PATENT-CLASS-60-39.65 ..... c 23 N73-30665 *
US-PATENT-CLASS-60-39.65 ..... c 34 N78-27357 *
US-PATENT-CLASS-60-39.66 ..... c 15 N70-36411 *
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US-PATENT-CLASS-60-39.66 ..... c 37 N78-10467 *
US-PATENT-CLASS-60-39.66 ..... c 37 N79-11403 *
US-PATENT-CLASS-60-39.69R ... c 34 N78-27357 *
US-PATENT-CLASS-60-39.72 ..... c 23 N73-30665 *
US-PATENT-CLASS-60-39.74A ... c 15 N72-25455 *
US-PATENT-CLASS-60-39.74R ... c 23 N73-30665 *
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US-PATENT-CLASS-60-39.74 ..... c 28 N72-17843 *
US-PATENT-CLASS-60-39.74 ..... c 20 N79-21125 *
US-PATENT-CLASS-60-39.82E .... c 20 N78-24275 *
US-PATENT-CLASS-60-39.83 ..... c 07 N84-33410 *
US-PATENT-CLASS-60-39-48 ..... c 28 N72-11709 *
US-PATENT-CLASS-60-415 ..... c 85 N87-21755 *
US-PATENT-CLASS-60-508 ..... c 44 N79-18443 *
US-PATENT-CLASS-60-516 ..... c 20 N75-24837 *
US-PATENT-CLASS-60-516 ..... c 44 N82-24640 *
US-PATENT-CLASS-60-517 ..... c 44 N76-29701 *
US-PATENT-CLASS-60-517 ..... c 37 N81-25370 *
US-PATENT-CLASS-60-518 ..... c 37 N81-14318 *
US-PATENT-CLASS-60-518 ..... c 37 N81-17432 *
US-PATENT-CLASS-60-51 ..... c 15 N71-27754 *
US-PATENT-CLASS-60-520 ..... c 37 N80-31790 *
US-PATENT-CLASS-60-524 ..... c 44 N81-17518 *
US-PATENT-CLASS-60-525 ..... c 37 N81-25370 *
US-PATENT-CLASS-60-527 ..... c 44 N74-33379 *
US-PATENT-CLASS-60-527 ..... c 37 N77-12402 *
US-PATENT-CLASS-60-527 ..... c 37 N77-19458 *
US-PATENT-CLASS-60-527 ..... c 37 N78-31426 *
US-PATENT-CLASS-60-527 ..... c 37 N86-19604 *
US-PATENT-CLASS-60-527 ..... c 35 N88-29151 *
US-PATENT-CLASS-60-528 ..... c 37 N86-19604 *
US-PATENT-CLASS-60-530 ..... c 20 N75-24837 *
US-PATENT-CLASS-60-53 ..... c 37 N77-22479 *
US-PATENT-CLASS-60-54.5 ..... c 15 N71-10658 *
US-PATENT-CLASS-60-560 ..... c 35 N78-10428 *
US-PATENT-CLASS-60-572 ..... c 44 N79-18443 *
US-PATENT-CLASS-60-574 ..... c 35 N78-10428 *
US-PATENT-CLASS-60-606 ..... c 28 N80-10374 *
US-PATENT-CLASS-60-606 ..... c 37 N84-33808 *
US-PATENT-CLASS-60-632 ..... c 20 N80-18097 *
US-PATENT-CLASS-60-634 ..... c 37 N87-23983 *
US-PATENT-CLASS-60-638 ..... c 37 N87-23983 *
US-PATENT-CLASS-60-641.12 .... c 44 N84-23018 *
US-PATENT-CLASS-60-641.14 .... c 44 N82-24640 *
US-PATENT-CLASS-60-641.8 ..... c 44 N92-29143 *
US-PATENT-CLASS-60-641 ..... c 44 N75-32581 *
US-PATENT-CLASS-60-641 ..... c 44 N77-32582 *
US-PATENT-CLASS-60-641 ..... c 44 N78-17460 *
US-PATENT-CLASS-60-641 ..... c 44 N78-32542 *
US-PATENT-CLASS-60-641 ..... c 44 N79-18443 *
US-PATENT-CLASS-60-641 ..... c 44 N81-17518 *
US-PATENT-CLASS-60-645 ..... c 34 N79-20335 *
US-PATENT-CLASS-60-649 ..... c 34 N79-20335 *
US-PATENT-CLASS-60-659 ..... c 44 N75-32581 *
US-PATENT-CLASS-60-659 ..... c 44 N76-31667 *
US-PATENT-CLASS-60-659 ..... c 44 N92-29143 *
US-PATENT-CLASS-60-671 ..... c 44 N78-32542 *
US-PATENT-CLASS-60-698 ..... c 44 N84-23018 *
US-PATENT-CLASS-60-716 ..... c 44 N84-23018 *
US-PATENT-CLASS-60-721 ..... c 71 N79-20827 *
US-PATENT-CLASS-60-721 ..... c 71 N83-32515 *
US-PATENT-CLASS-60-721 ..... c 71 N83-32516 *
US-PATENT-CLASS-60-721 ..... c 71 N84-23233 *
US-PATENT-CLASS-60-726 ..... c 07 N81-29129 *
US-PATENT-CLASS-60-726 ..... c 07 N82-32366 *
US-PATENT-CLASS-60-730 ..... c 05 N81-26114 *
US-PATENT-CLASS-60-730 ..... c 37 N84-22958 *
US-PATENT-CLASS-60-730 ..... c 25 N90-11824 *
US-PATENT-CLASS-60-732 ..... c 25 N90-11824 *
US-PATENT-CLASS-60-733 ..... c 07 N80-26298 *
US-PATENT-CLASS-60-736 ..... c 37 N84-22958 *
US-PATENT-CLASS-60-736 ..... c 07 N86-20389 *
US-PATENT-CLASS-60-737 ..... c 07 N81-29129 *
US-PATENT-CLASS-60-746 ..... c 07 N80-26298 *
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US-PATENT-CLASS-60-748 ..... c 07 N85-35195 *
US-PATENT-CLASS-60-757 ..... c 07 N84-24577 *
US-PATENT-CLASS-60-836 ..... c 24 N78-14096 *
US-PATENT-CLASS-60-97 ..... c 03 N71-12260 *
US-PATENT-CLASS-604-114 ..... c 52 N83-27577 *
US-PATENT-CLASS-604-151 ..... c 52 N83-27577 *
US-PATENT-CLASS-604-280 ..... c 52 N83-21785 *
US-PATENT-CLASS-604-368 ..... c 54 N84-11758 *
US-PATENT-CLASS-604-378 ..... c 54 N84-11758 *
US-PATENT-CLASS-604-396 ..... c 54 N84-11758 *
US-PATENT-CLASS-604-8 ..... c 52 N83-21785 *
US-PATENT-CLASS-606-106 ..... c 52 N92-33032 *

US-PATENT-CLASS-606-127 ..... c 52 N92-33032 *
US-PATENT-CLASS-606-78 ..... c 52 N92-33032 *
US-PATENT-CLASS-61-83 ..... c 18 N74-22136 *
US-PATENT-CLASS-62.224 ..... c 35 N92-29156 *
US-PATENT-CLASS-62-DIG.1 ..... c 34 N84-22903 *
US-PATENT-CLASS-62-DIG.5 ..... c 05 N81-26114 *
US-PATENT-CLASS-62-100 ..... c 34 N77-19353 *
US-PATENT-CLASS-62-100 ..... c 28 N78-24365 *
US-PATENT-CLASS-62-121 ..... c 34 N77-19353 *
US-PATENT-CLASS-62-128 ..... c 35 N84-28018 *
US-PATENT-CLASS-62-129 ..... c 31 N76-14284 *
US-PATENT-CLASS-62-12 ..... c 28 N81-14103 *
US-PATENT-CLASS-62-148 ..... c 44 N82-26776 *
US-PATENT-CLASS-62-15 ..... c 06 N70-34946 *
US-PATENT-CLASS-62-176 ..... c 05 N73-26071 *
US-PATENT-CLASS-62-18 ..... c 28 N81-14103 *
US-PATENT-CLASS-62-207 ..... c 05 N73-26071 *
US-PATENT-CLASS-62-209 ..... c 05 N73-26071 *
US-PATENT-CLASS-62-217 ..... c 31 N77-10229 *
US-PATENT-CLASS-62-235.1 ..... c 44 N82-26776 *
US-PATENT-CLASS-62-238.3 ..... c 44 N82-26776 *
US-PATENT-CLASS-62-239 ..... c 44 N82-26776 *
US-PATENT-CLASS-62-244 ..... c 44 N82-26776 *
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US-PATENT-CLASS-62-259 ..... c 05 N73-26071 *
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US-PATENT-CLASS-62-264 ..... c 34 N84-22903 *
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US-PATENT-CLASS-62-269 ..... c 34 N77-19353 *
US-PATENT-CLASS-62-285 ..... c 77 N75-20139 *
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US-PATENT-CLASS-62-2 ..... c 15 N71-15906 *
US-PATENT-CLASS-62-315 ..... c 34 N77-19353 *
US-PATENT-CLASS-62-317 ..... c 77 N75-20139 *
US-PATENT-CLASS-62-333 ..... c 34 N91-21473 *
US-PATENT-CLASS-62-376 ..... c 31 N78-17237 *
US-PATENT-CLASS-62-376 ..... c 34 N79-20336 *
US-PATENT-CLASS-62-383 ..... c 33 N82-24419 *
US-PATENT-CLASS-62-384 ..... c 23 N71-24725 *
US-PATENT-CLASS-62-384 ..... c 31 N87-21159 *
US-PATENT-CLASS-62-384 ..... c 34 N91-21473 *
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US-PATENT-CLASS-62-3 ..... c 34 N83-29625 *
US-PATENT-CLASS-62-3 ..... c 31 N85-29082 *
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US-PATENT-CLASS-62-40 ..... c 28 N81-14103 *
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US-PATENT-CLASS-62-461 ..... c 31 N92-15203 *
US-PATENT-CLASS-62-467R ..... c 34 N84-22903 *
US-PATENT-CLASS-62-467 ..... c 33 N70-37979 *
US-PATENT-CLASS-62-467 ..... c 33 N71-17897 *
US-PATENT-CLASS-62-467 ..... c 05 N72-11084 *
US-PATENT-CLASS-62-467 ..... c 33 N72-25911 *
US-PATENT-CLASS-62-467 ..... c 33 N73-25952 *
US-PATENT-CLASS-62-467 ..... c 20 N75-24837 *
US-PATENT-CLASS-62-467 ..... c 31 N88-14223 *
US-PATENT-CLASS-62-467 ..... c 31 N89-12785 *
US-PATENT-CLASS-62-467 ..... c 31 N89-14351 *
US-PATENT-CLASS-62-467 ..... c 31 N90-21215 *
US-PATENT-CLASS-62-475 ..... c 23 N72-25619 *
US-PATENT-CLASS-62-476 ..... c 44 N82-26776 *
US-PATENT-CLASS-62-47 ..... c 28 N81-14103 *
US-PATENT-CLASS-62-48 ..... c 28 N78-24365 *
US-PATENT-CLASS-62-48 ..... c 31 N83-31897 *
US-PATENT-CLASS-62-48 ..... c 31 N87-21159 *
US-PATENT-CLASS-62-48 ..... c 31 N88-14223 *
US-PATENT-CLASS-62-48 ..... c 31 N89-29578 *
US-PATENT-CLASS-62-49 ..... c 31 N76-14284 *
US-PATENT-CLASS-62-4 ..... c 44 N77-32581 *
US-PATENT-CLASS-62-4 ..... c 44 N78-17460 *
US-PATENT-CLASS-62-50 ..... c 15 N70-34247 *
US-PATENT-CLASS-62-50 ..... c 35 N78-12390 *
US-PATENT-CLASS-62-51.2 ..... c 35 N92-29156 *
US-PATENT-CLASS-62-514 R ..... c 35 N83-32026 *
US-PATENT-CLASS-62-514-JT ..... c 31 N89-14351 *
US-PATENT-CLASS-62-514-R ..... c 31 N87-21159 *
US-PATENT-CLASS-62-514-R ..... c 37 N87-23982 *
US-PATENT-CLASS-62-514-R ..... c 31 N89-12785 *
US-PATENT-CLASS-62-514JT ..... c 31 N77-10229 *
US-PATENT-CLASS-62-514R ..... c 35 N78-12390 *
US-PATENT-CLASS-62-514R ..... c 31 N78-17237 *
US-PATENT-CLASS-62-514R ..... c 31 N78-25256 *
US-PATENT-CLASS-62-514R ..... c 51 N79-10694 *
US-PATENT-CLASS-62-514R ..... c 31 N79-17029 *
US-PATENT-CLASS-62-514R ..... c 34 N79-20336 *
US-PATENT-CLASS-62-514R ..... c 35 N81-14287 *
US-PATENT-CLASS-62-514R ..... c 31 N83-31897 *
US-PATENT-CLASS-62-514R ..... c 34 N83-34221 *
US-PATENT-CLASS-62-514R ..... c 31 N88-14223 *
US-PATENT-CLASS-62-514 ..... c 23 N71-26654 *
US-PATENT-CLASS-62-51 ..... c 15 N72-17453 *
US-PATENT-CLASS-62-55.5 ..... c 11 N71-24964 *
US-PATENT-CLASS-62-55.5 ..... c 15 N72-22484 *
US-PATENT-CLASS-62-55 ..... c 15 N70-38020 *
US-PATENT-CLASS-62-55 ..... c 34 N77-30399 *
US-PATENT-CLASS-62-56 ..... c 05 N72-11084 *
US-PATENT-CLASS-62-62 ..... c 34 N83-34221 *
US-PATENT-CLASS-62-6 ..... c 15 N69-23190 * #
US-PATENT-CLASS-62-6 ..... c 23 N71-15467 *
US-PATENT-CLASS-62-6 ..... c 15 N71-23025 *
US-PATENT-CLASS-62-6 ..... c 23 N72-25619 *
US-PATENT-CLASS-62-6 ..... c 37 N76-29590 *
US-PATENT-CLASS-62-6 ..... c 44 N76-29701 *
US-PATENT-CLASS-62-6 ..... c 44 N83-28574 *
US-PATENT-CLASS-62-6 ..... c 31 N85-21404 *
US-PATENT-CLASS-62-78 ..... c 51 N79-10694 *
US-PATENT-CLASS-62-7 ..... c 15 N73-12486 *
US-PATENT-CLASS-62-80 ..... c 23 N72-25619 *
US-PATENT-CLASS-62-85 ..... c 23 N72-25619 *
US-PATENT-CLASS-62-89 ..... c 05 N73-26071 *
US-PATENT-CLASS-62-90 ..... c 34 N91-21473 *
US-PATENT-CLASS-62-93 ..... c 15 N69-21465 * #
US-PATENT-CLASS-62-93 ..... c 03 N72-28025 *
US-PATENT-CLASS-62-93 ..... c 77 N75-20139 *
US-PATENT-CLASS-623-62 ..... c 54 N91-32795 *
US-PATENT-CLASS-623-63 ..... c 54 N91-32795 *
US-PATENT-CLASS-624-3.2 ..... c 31 N92-15203 *
US-PATENT-CLASS-624-467 ..... c 31 N92-15203 *
US-PATENT-CLASS-624-500 ..... c 31 N92-15203 *
US-PATENT-CLASS-624-51.2 ..... c 31 N92-15203 *
US-PATENT-CLASS-64-18 ..... c 15 N71-28467 *
US-PATENT-CLASS-64-27 ..... c 15 N71-28959 *
US-PATENT-CLASS-64-28 ..... c 15 N69-27505 * #
US-PATENT-CLASS-65-DIG.11 ..... c 37 N74-21063 *
US-PATENT-CLASS-65-DIG.4 ..... c 71 N78-10837 *
US-PATENT-CLASS-65-DIG.7 ..... c 71 N78-10837 *
US-PATENT-CLASS-65-102 ..... c 71 N78-10837 *
US-PATENT-CLASS-65-108 ..... c 35 N77-24455 *
US-PATENT-CLASS-65-11.1 ..... c 31 N86-21718 *
US-PATENT-CLASS-65-12 ..... c 31 N86-21718 *
US-PATENT-CLASS-65-134 ..... c 71 N83-35781 *
US-PATENT-CLASS-65-134 ..... c 27 N87-21111 *
US-PATENT-CLASS-65-136 ..... c 27 N87-21111 *
US-PATENT-CLASS-65-13 ..... c 27 N87-21111 *
US-PATENT-CLASS-65-142 ..... c 31 N81-33319 *
US-PATENT-CLASS-65-142 ..... c 27 N82-28442 *
US-PATENT-CLASS-65-142 ..... c 31 N83-31896 *
US-PATENT-CLASS-65-142 ..... c 31 N83-35176 *
US-PATENT-CLASS-65-142 ..... c 71 N84-28568 *
US-PATENT-CLASS-65-142 ..... c 26 N86-32551 *
US-PATENT-CLASS-65-160 ..... c 71 N84-28568 *
US-PATENT-CLASS-65-1 ..... c 31 N86-21718 *
US-PATENT-CLASS-65-21.2 ..... c 26 N86-32551 *
US-PATENT-CLASS-65-21.3 ..... c 31 N83-35176 *
US-PATENT-CLASS-65-21.3 ..... c 71 N84-28568 *
US-PATENT-CLASS-65-21.4 ..... c 31 N81-33319 *
US-PATENT-CLASS-65-21.4 ..... c 27 N82-28442 *
US-PATENT-CLASS-65-21.4 ..... c 31 N83-35176 *
US-PATENT-CLASS-65-21.4 ..... c 71 N84-28568 *
US-PATENT-CLASS-65-21.4 ..... c 31 N91-32240 *
US-PATENT-CLASS-65-213 ..... c 71 N84-16940 *
US-PATENT-CLASS-65-214 ..... c 31 N83-31896 *
US-PATENT-CLASS-65-22 ..... c 31 N81-33319 *
US-PATENT-CLASS-65-22 ..... c 27 N82-28442 *
US-PATENT-CLASS-65-22 ..... c 31 N83-31896 *
US-PATENT-CLASS-65-22 ..... c 31 N83-35176 *
US-PATENT-CLASS-65-2 ..... c 71 N78-10837 *
US-PATENT-CLASS-65-2 ..... c 31 N86-21718 *
US-PATENT-CLASS-65-2 ..... c 27 N87-21111 *
US-PATENT-CLASS-65-30R ..... c 27 N78-32260 *
US-PATENT-CLASS-65-32 ..... c 71 N78-10837 *
US-PATENT-CLASS-65-3 ..... c 37 N75-26371 *
US-PATENT-CLASS-65-4B ..... c 71 N78-10837 *
US-PATENT-CLASS-65-43 ..... c 37 N75-15992 *
US-PATENT-CLASS-65-43 ..... c 24 N79-25143 *
US-PATENT-CLASS-65-59A ..... c 35 N77-24455 *
US-PATENT-CLASS-65-60D ..... c 27 N78-32260 *
US-PATENT-CLASS-65-61 ..... c 74 N80-24149 *
US-PATENT-CLASS-65-7 ..... c 18 N71-23088 *
US-PATENT-CLASS-65-87 ..... c 71 N78-10837 *
US-PATENT-CLASS-6554 ..... c 35 N77-24455 *
US-PATENT-CLASS-6564 ..... c 35 N77-24455 *
US-PATENT-CLASS-70-58 ..... c 33 N81-25299 *
US-PATENT-CLASS-71-98 ..... c 51 N83-17045 *
US-PATENT-CLASS-72-253 ..... c 15 N71-22797 *
US-PATENT-CLASS-72-258 ..... c 15 N73-13464 *
US-PATENT-CLASS-72-307 ..... c 15 N72-12408 *
US-PATENT-CLASS-72-324 ..... c 71 N86-21276 *
US-PATENT-CLASS-72-341 ..... c 71 N86-21276 *
US-PATENT-CLASS-72-34 ..... c 15 N71-21536 *
US-PATENT-CLASS-72-354 ..... c 15 N71-23811 *
US-PATENT-CLASS-72-363 ..... c 37 N76-14461 *
US-PATENT-CLASS-72-364 ..... c 15 N71-18579 *
US-PATENT-CLASS-72-369 ..... c 15 N71-24679 *
US-PATENT-CLASS-72-436 ..... c 37 N79-28550 *
US-PATENT-CLASS-72-447 ..... c 15 N73-13463 *
US-PATENT-CLASS-72-451 ..... c 37 N79-28550 *
US-PATENT-CLASS-72-453 ..... c 37 N76-18454 *
US-PATENT-CLASS-72-467 ..... c 15 N71-23817 *
US-PATENT-CLASS-72-46 ..... c 24 N75-33181 *
US-PATENT-CLASS-72-470 ..... c 37 N79-28550 *
US-PATENT-CLASS-72-476 ..... c 15 N73-13463 *
US-PATENT-CLASS-72-53 ..... c 15 N71-18616 *
US-PATENT-CLASS-72-53 ..... c 15 N73-32360 *
US-PATENT-CLASS-72-54 ..... c 37 N76-14461 *
US-PATENT-CLASS-72-56 ..... c 15 N70-34249 *
US-PATENT-CLASS-72-56 ..... c 15 N71-24833 *
US-PATENT-CLASS-72-56 ..... c 15 N71-24865 *
US-PATENT-CLASS-72-56 ..... c 15 N71-26148 *
US-PATENT-CLASS-72-60 ..... c 15 N71-24836 *
US-PATENT-CLASS-72-61 ..... c 15 N71-26346 *
US-PATENT-CLASS-72-63 ..... c 20 N75-18310 *
US-PATENT-CLASS-72-63 ..... c 37 N76-14461 *
US-PATENT-CLASS-72-750 ..... c 35 N88-24927 *
US-PATENT-CLASS-72-83 ..... c 15 N71-22723 *
US-PATENT-CLASS-73-DIG.11 ..... c 35 N78-18390 *
US-PATENT-CLASS-73-1-DV ..... c 71 N86-21276 *
US-PATENT-CLASS-73-1-DV ..... c 71 N87-21653 *
US-PATENT-CLASS-73-1B ..... c 35 N76-24523 *
US-PATENT-CLASS-73-1B ..... c 35 N84-28019 *
US-PATENT-CLASS-73-1DV ..... c 14 N73-27379 *
US-PATENT-CLASS-73-1F ..... c 35 N74-21019 *
US-PATENT-CLASS-73-1H ..... c 33 N92-33021 *
US-PATENT-CLASS-73-1R ..... c 14 N71-29134 *
US-PATENT-CLASS-73-1R ..... c 35 N75-15932 *
US-PATENT-CLASS-73-1R ..... c 35 N76-15432 *
US-PATENT-CLASS-73-100 ..... c 15 N70-41993 *
US-PATENT-CLASS-73-100 ..... c 32 N72-25877 *
US-PATENT-CLASS-73-103 ..... c 15 N71-17696 *
US-PATENT-CLASS-73-103 ..... c 14 N72-27412 *
US-PATENT-CLASS-73-103 ..... c 14 N73-32323 *
US-PATENT-CLASS-73-103 ..... c 35 N76-18400 *
US-PATENT-CLASS-73-104 ..... c 35 N74-32879 *
US-PATENT-CLASS-73-105 ..... c 14 N70-34161 *
US-PATENT-CLASS-73-105 ..... c 14 N71-17586 *
US-PATENT-CLASS-73-115 ..... c 35 N79-14345 *
US-PATENT-CLASS-73-115 ..... c 07 N84-22559 *
US-PATENT-CLASS-73-116 ..... c 11 N70-33278 *
US-PATENT-CLASS-73-116 ..... c 11 N70-34844 *
US-PATENT-CLASS-73-116 ..... c 14 N70-40203 *
US-PATENT-CLASS-73-116 ..... c 11 N70-41677 *
US-PATENT-CLASS-73-116 ..... c 11 N71-10604 *
US-PATENT-CLASS-73-116 ..... c 31 N71-15643 *
US-PATENT-CLASS-73-117.1 ..... c 11 N72-27262 *
US-PATENT-CLASS-73-117.1 ..... c 09 N84-27749 *
US-PATENT-CLASS-73-117.4 ..... c 14 N71-20429 *
US-PATENT-CLASS-73-117.4 ..... c 28 N71-27094 *
US-PATENT-CLASS-73-117.4 ..... c 35 N75-29382 *
US-PATENT-CLASS-73-117 ..... c 14 N71-22965 *
US-PATENT-CLASS-73-12 ..... c 14 N71-23225 *
US-PATENT-CLASS-73-12 ..... c 14 N71-26161 *
US-PATENT-CLASS-73-12 ..... c 14 N72-16282 *
US-PATENT-CLASS-73-12 ..... c 14 N72-25411 *
US-PATENT-CLASS-73-12 ..... c 14 N73-32327 *
US-PATENT-CLASS-73-12 ..... c 35 N74-21062 *
US-PATENT-CLASS-73-12 ..... c 35 N75-33367 *
US-PATENT-CLASS-73-12 ..... c 75 N76-14931 *
US-PATENT-CLASS-73-12 ..... c 35 N77-18417 *
US-PATENT-CLASS-73-12 ..... c 43 N79-25443 *
US-PATENT-CLASS-73-12 ..... c 43 N80-14423 *
US-PATENT-CLASS-73-12 ..... c 43 N80-23711 *
US-PATENT-CLASS-73-12 ..... c 37 N84-33807 *
US-PATENT-CLASS-73-133R ..... c 35 N77-14407 *
US-PATENT-CLASS-73-133 ..... c 14 N71-23725 *
US-PATENT-CLASS-73-133 ..... c 15 N72-22482 *
US-PATENT-CLASS-73-134 ..... c 14 N70-40201 *
US-PATENT-CLASS-73-136R ..... c 15 N72-26371 *
US-PATENT-CLASS-73-136 ..... c 14 N70-34818 *
US-PATENT-CLASS-73-140 ..... c 11 N72-25288 *
US-PATENT-CLASS-73-141AB ..... c 14 N72-33377 *
US-PATENT-CLASS-73-141A ..... c 14 N72-21405 *
US-PATENT-CLASS-73-141A ..... c 14 N72-22437 *
US-PATENT-CLASS-73-141A ..... c 35 N74-26945 *
US-PATENT-CLASS-73-141A ..... c 35 N74-27865 *
US-PATENT-CLASS-73-141A ..... c 35 N75-33369 *
US-PATENT-CLASS-73-141A ..... c 52 N81-20703 *
US-PATENT-CLASS-73-141 ..... c 14 N70-41957 *
US-PATENT-CLASS-73-141 ..... c 15 N71-20441 *
US-PATENT-CLASS-73-141 ..... c 14 N71-23790 *
US-PATENT-CLASS-73-141 ..... c 26 N71-25490 *
US-PATENT-CLASS-73-142 ..... c 15 N70-40180 *
US-PATENT-CLASS-73-142 ..... c 14 N71-20439 *
US-PATENT-CLASS-73-143 ..... c 35 N75-19615 *
US-PATENT-CLASS-73-143 ..... c 14 N75-24794 *
US-PATENT-CLASS-73-144 ..... c 15 N71-22878 *
US-PATENT-CLASS-73-147 ..... c 11 N70-33287 *
US-PATENT-CLASS-73-147 ..... c 14 N70-33386 *

US-PATENT-CLASS-73-147 ..... c 14 N70-34813 *
US-PATENT-CLASS-73-147 ..... c 11 N70-36913 *
US-PATENT-CLASS-73-147 ..... c 14 N70-40400 *
US-PATENT-CLASS-73-147 ..... c 14 N70-41366 *
US-PATENT-CLASS-73-147 ..... c 11 N71-15926 *
US-PATENT-CLASS-73-147 ..... c 09 N71-16086 *
US-PATENT-CLASS-73-147 ..... c 12 N71-20436 *
US-PATENT-CLASS-73-147 ..... c 09 N71-20816 *
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US-PATENT-CLASS-73-147 ..... c 14 N72-21407 *
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US-PATENT-CLASS-73-147 ..... c 11 N73-12264 *
US-PATENT-CLASS-73-147 ..... c 14 N73-13415 *
US-PATENT-CLASS-73-147 ..... c 12 N73-25262 *
US-PATENT-CLASS-73-147 ..... c 12 N73-28144 *
US-PATENT-CLASS-73-147 ..... c 09 N74-17955 *
US-PATENT-CLASS-73-147 ..... c 34 N74-27730 *
US-PATENT-CLASS-73-147 ..... c 09 N75-12969 *
US-PATENT-CLASS-73-147 ..... c 09 N76-23273 *
US-PATENT-CLASS-73-147 ..... c 34 N76-27517 *
US-PATENT-CLASS-73-147 ..... c 09 N77-10071 *
US-PATENT-CLASS-73-147 ..... c 09 N78-31129 *
US-PATENT-CLASS-73-147 ..... c 35 N79-14347 *
US-PATENT-CLASS-73-147 ..... c 09 N79-21083 *
US-PATENT-CLASS-73-147 ..... c 02 N80-20224 *
US-PATENT-CLASS-73-147 ..... c 06 N81-17057 *
US-PATENT-CLASS-73-147 ..... c 09 N82-11088 *
US-PATENT-CLASS-73-147 ..... c 09 N82-23254 *
US-PATENT-CLASS-73-147 ..... c 71 N83-17235 *
US-PATENT-CLASS-73-147 ..... c 44 N83-21503 *
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US-PATENT-CLASS-73-147 ..... c 35 N84-22934 *
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US-PATENT-CLASS-73-147 ..... c 02 N88-23759 *
US-PATENT-CLASS-73-147 ..... c 02 N89-12551 *
US-PATENT-CLASS-73-147 ..... c 35 N89-12841 *
US-PATENT-CLASS-73-147 ..... c 35 N89-14423 *
US-PATENT-CLASS-73-147 ..... c 35 N90-17117 *
US-PATENT-CLASS-73-147 ..... c 35 N90-23707 *
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US-PATENT-CLASS-73-147 ..... c 35 N92-10185 *
US-PATENT-CLASS-73-147 ..... c 35 N92-21586 *
US-PATENT-CLASS-73-147 ..... c 02 N92-21588 *
US-PATENT-CLASS-73-147 ..... c 35 N92-21710 *
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US-PATENT-CLASS-73-149 ..... c 35 N91-15511 *
US-PATENT-CLASS-73-149 ..... c 35 N91-21493 *
US-PATENT-CLASS-73-149 ..... c 35 N91-21495 *
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US-PATENT-CLASS-73-15.4 ..... c 35 N74-32879 *
US-PATENT-CLASS-73-15.6 ..... c 14 N70-35368 *
US-PATENT-CLASS-73-15.6 ..... c 14 N71-24234 *
US-PATENT-CLASS-73-15.6 ..... c 14 N71-26136 *
US-PATENT-CLASS-73-15.6 ..... c 32 N72-25877 *
US-PATENT-CLASS-73-15.6 ..... c 09 N74-19528 *
US-PATENT-CLASS-73-15.6 ..... c 35 N76-24523 *
US-PATENT-CLASS-73-15.6 ..... c 35 N77-22450 *
US-PATENT-CLASS-73-15.6 ..... c 39 N78-10493 *
US-PATENT-CLASS-73-15R ..... c 33 N72-25913 *
US-PATENT-CLASS-73-15R ..... c 14 N73-28486 *
US-PATENT-CLASS-73-15R ..... c 25 N74-18551 *
US-PATENT-CLASS-73-15R ..... c 31 N74-27900 *
US-PATENT-CLASS-73-15R ..... c 09 N77-27131 *
US-PATENT-CLASS-73-15R ..... c 74 N81-17887 *
US-PATENT-CLASS-73-150-A ..... c 39 N86-20841 *
US-PATENT-CLASS-73-150R ..... c 35 N84-28018 *
US-PATENT-CLASS-73-155 ..... c 46 N80-10709 *
US-PATENT-CLASS-73-155 ..... c 46 N80-24906 *
US-PATENT-CLASS-73-159 ..... c 31 N79-11246 *
US-PATENT-CLASS-73-15 ..... c 14 N70-34156 *
US-PATENT-CLASS-73-15 ..... c 14 N71-15992 *
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US-PATENT-CLASS-73-15 ..... c 11 N71-24985 *
US-PATENT-CLASS-73-15 ..... c 11 N71-28629 *
US-PATENT-CLASS-73-161 ..... c 11 N72-25288 *
US-PATENT-CLASS-73-167 ..... c 15 N84-16231 *
US-PATENT-CLASS-73-167 ..... c 25 N91-32196 *
US-PATENT-CLASS-73-170A ..... c 35 N78-27384 *
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US-PATENT-CLASS-73-170R ..... c 07 N73-20175 *
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US-PATENT-CLASS-73-170R ..... c 33 N74-27862 *
US-PATENT-CLASS-73-170R ..... c 35 N75-33367 *
US-PATENT-CLASS-73-170R ..... c 91 N76-30131 *
US-PATENT-CLASS-73-170R ..... c 06 N83-10040 *
US-PATENT-CLASS-73-170R ..... c 35 N84-28018 *
US-PATENT-CLASS-73-170R ..... c 19 N91-14412 *
US-PATENT-CLASS-73-170 ..... c 14 N71-14996 *
US-PATENT-CLASS-73-170 ..... c 17 N73-32415 *
US-PATENT-CLASS-73-178-R ..... c 06 N84-34443 *
US-PATENT-CLASS-73-178-R ..... c 06 N87-22678 *
US-PATENT-CLASS-73-178-R ..... c 02 N88-23759 *
US-PATENT-CLASS-73-178-T ..... c 09 N90-20096 *
US-PATENT-CLASS-73-178R ..... c 35 N75-29381 *
US-PATENT-CLASS-73-178R ..... c 04 N77-19056 *
US-PATENT-CLASS-73-178R ..... c 37 N78-27424 *
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US-PATENT-CLASS-73-178R ..... c 06 N84-27733 *
US-PATENT-CLASS-73-178R ..... c 47 N92-29148 *
US-PATENT-CLASS-73-178T ..... c 06 N86-27280 *
US-PATENT-CLASS-73-178T ..... c 04 N91-31120 *
US-PATENT-CLASS-73-178 ..... c 14 N70-36807 *
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US-PATENT-CLASS-73-179 ..... c 34 N85-21568 *
US-PATENT-CLASS-73-17 ..... c 06 N71-24607 *
US-PATENT-CLASS-73-180 ..... c 35 N78-14364 *
US-PATENT-CLASS-73-180 ..... c 02 N80-28300 *
US-PATENT-CLASS-73-180 ..... c 35 N89-12841 *
US-PATENT-CLASS-73-182 ..... c 14 N73-13415 *
US-PATENT-CLASS-73-182 ..... c 35 N74-32878 *
US-PATENT-CLASS-73-182 ..... c 35 N76-14429 *
US-PATENT-CLASS-73-182 ..... c 02 N80-28300 *
US-PATENT-CLASS-73-182 ..... c 35 N92-21586 *
US-PATENT-CLASS-73-187 ..... c 35 N85-20295 *
US-PATENT-CLASS-73-188 ..... c 06 N80-18036 *
US-PATENT-CLASS-73-189 ..... c 20 N71-16281 *
US-PATENT-CLASS-73-189 ..... c 02 N71-23007 *
US-PATENT-CLASS-73-189 ..... c 14 N71-23726 *
US-PATENT-CLASS-73-189 ..... c 14 N73-13415 *
US-PATENT-CLASS-73-189 ..... c 14 N73-25460 *
US-PATENT-CLASS-73-189 ..... c 35 N76-24524 *
US-PATENT-CLASS-73-189 ..... c 34 N76-27517 *
US-PATENT-CLASS-73-189 ..... c 34 N77-27345 *
US-PATENT-CLASS-73-189 ..... c 34 N79-12359 *
US-PATENT-CLASS-73-189 ..... c 06 N80-18036 *
US-PATENT-CLASS-73-189 ..... c 47 N84-28292 *
US-PATENT-CLASS-73-190H ..... c 35 N74-22095 *
US-PATENT-CLASS-73-190R ..... c 34 N74-27859 *
US-PATENT-CLASS-73-190R ..... c 35 N81-19426 *
US-PATENT-CLASS-73-190 ..... c 33 N71-15641 *
US-PATENT-CLASS-73-190 ..... c 14 N71-22989 *
US-PATENT-CLASS-73-190 ..... c 33 N71-23085 *
US-PATENT-CLASS-73-190 ..... c 33 N71-29051 *
US-PATENT-CLASS-73-194A ..... c 14 N72-17329 *
US-PATENT-CLASS-73-194EM ... c 14 N73-32326 *
US-PATENT-CLASS-73-194EM ... c 35 N74-21018 *
US-PATENT-CLASS-73-194E ..... c 14 N73-20478 *
US-PATENT-CLASS-73-194E ..... c 05 N73-32015 *
US-PATENT-CLASS-73-194F ..... c 14 N72-11365 *
US-PATENT-CLASS-73-194M ..... c 05 N73-32015 *
US-PATENT-CLASS-73-194M ..... c 35 N75-30503 *
US-PATENT-CLASS-73-194R ..... c 34 N76-27517 *
US-PATENT-CLASS-73-194VS .... c 34 N79-12359 *
US-PATENT-CLASS-73-194 ..... c 14 N70-41994 *
US-PATENT-CLASS-73-194 ..... c 14 N71-23226 *
US-PATENT-CLASS-73-194 ..... c 12 N71-26546 *
US-PATENT-CLASS-73-195 ..... c 35 N75-30503 *
US-PATENT-CLASS-73-198 ..... c 14 N69-24257 * #
US-PATENT-CLASS-73-198 ..... c 14 N72-17327 *
US-PATENT-CLASS-73-1 ..... c 10 N71-13545 *
US-PATENT-CLASS-73-1 ..... c 09 N71-22988 *
US-PATENT-CLASS-73-204.11 .... c 35 N92-21710 *
US-PATENT-CLASS-73-204 ..... c 12 N71-17569 *
US-PATENT-CLASS-73-204 ..... c 35 N76-24524 *
US-PATENT-CLASS-73-204 ..... c 35 N77-20400 *
US-PATENT-CLASS-73-204 ..... c 52 N83-27577 *
US-PATENT-CLASS-73-205L ..... c 02 N80-20224 *
US-PATENT-CLASS-73-212 ..... c 14 N70-36824 *
US-PATENT-CLASS-73-212 ..... c 14 N73-13415 *
US-PATENT-CLASS-73-212 ..... c 35 N76-14429 *
US-PATENT-CLASS-73-212 ..... c 06 N80-18036 *
US-PATENT-CLASS-73-221 ..... c 35 N75-19611 *
US-PATENT-CLASS-73-228 ..... c 34 N77-27345 *
US-PATENT-CLASS-73-23.1 ..... c 06 N69-39936 * #
US-PATENT-CLASS-73-23.1 ..... c 06 N72-17094 *
US-PATENT-CLASS-73-23.1 ..... c 06 N72-25146 *
US-PATENT-CLASS-73-23.1 ..... c 25 N76-18245 *
US-PATENT-CLASS-73-23.1 ..... c 23 N77-17161 *
US-PATENT-CLASS-73-23 ..... c 14 N71-10774 *
US-PATENT-CLASS-73-23 ..... c 05 N71-11202 *
US-PATENT-CLASS-73-23 ..... c 52 N74-20728 *
US-PATENT-CLASS-73-23 ..... c 35 N75-29380 *
US-PATENT-CLASS-73-23 ..... c 25 N78-15210 *
US-PATENT-CLASS-73-23 ..... c 35 N78-19465 *
US-PATENT-CLASS-73-24 ..... c 06 N69-39733 * #
US-PATENT-CLASS-73-28 ..... c 14 N73-27376 * #
US-PATENT-CLASS-73-28 ..... c 14 N73-30395 *
US-PATENT-CLASS-73-28 ..... c 35 N76-18401 *
US-PATENT-CLASS-73-28 ..... c 35 N78-18390 *
US-PATENT-CLASS-73-290-R ..... c 35 N88-29150 *
US-PATENT-CLASS-73-290-V ..... c 35 N89-14407 *
US-PATENT-CLASS-73-290B ..... c 14 N72-11363 *
US-PATENT-CLASS-73-290 ..... c 14 N71-10500 *
US-PATENT-CLASS-73-290 ..... c 14 N71-21007 *
US-PATENT-CLASS-73-295 ..... c 23 N71-17802 *
US-PATENT-CLASS-73-295 ..... c 31 N76-14284 *
US-PATENT-CLASS-73-29 ..... c 14 N71-17701 *
US-PATENT-CLASS-73-29 ..... c 14 N71-20741 *
US-PATENT-CLASS-73-301 ..... c 12 N71-26387 *
US-PATENT-CLASS-73-304-R ..... c 35 N88-29150 *
US-PATENT-CLASS-73-304C ..... c 14 N71-29134 *
US-PATENT-CLASS-73-304 ..... c 14 N72-22442 *
US-PATENT-CLASS-73-30 ..... c 14 N70-41681 *
US-PATENT-CLASS-73-32R ..... c 76 N75-12810 *
US-PATENT-CLASS-73-32R ..... c 35 N84-28018 *
US-PATENT-CLASS-73-32 ..... c 14 N70-41330 *
US-PATENT-CLASS-73-336.5 ..... c 35 N78-25391 *
US-PATENT-CLASS-73-336.5 ..... c 35 N85-29212 *
US-PATENT-CLASS-73-336.5 ..... c 35 N87-22953 *
US-PATENT-CLASS-73-339 ..... c 33 N73-27796 *
US-PATENT-CLASS-73-341 ..... c 14 N71-15598 *
US-PATENT-CLASS-73-341 ..... c 44 N82-16474 *
US-PATENT-CLASS-73-343R ..... c 52 N77-10780 *
US-PATENT-CLASS-73-343R ..... c 35 N80-18357 *
US-PATENT-CLASS-73-343 ..... c 33 N71-16356 *
US-PATENT-CLASS-73-343 ..... c 11 N71-21475 *
US-PATENT-CLASS-73-355R ..... c 14 N72-24477 *
US-PATENT-CLASS-73-355R ..... c 35 N80-18359 *
US-PATENT-CLASS-73-355 ..... c 14 N71-27323 *
US-PATENT-CLASS-73-355 ..... c 14 N72-28437 *
US-PATENT-CLASS-73-356 ..... c 35 N75-25122 *
US-PATENT-CLASS-73-35 ..... c 33 N72-27959 *
US-PATENT-CLASS-73-361 ..... c 35 N81-26431 *
US-PATENT-CLASS-73-362AR .... c 35 N77-27368 *
US-PATENT-CLASS-73-37.5 ..... c 35 N86-32698 *
US-PATENT-CLASS-73-379 ..... c 05 N73-27941 *
US-PATENT-CLASS-73-379 ..... c 05 N73-30078 *
US-PATENT-CLASS-73-379 ..... c 35 N75-15932 *
US-PATENT-CLASS-73-379 ..... c 39 N83-20280 *
US-PATENT-CLASS-73-382 ..... c 10 N71-13537 *
US-PATENT-CLASS-73-382 ..... c 14 N71-17587 *
US-PATENT-CLASS-73-384 ..... c 15 N70-37925 *
US-PATENT-CLASS-73-388 ..... c 35 N74-32878 *
US-PATENT-CLASS-73-389 ..... c 12 N71-24692 *
US-PATENT-CLASS-73-38 ..... c 18 N71-24934 *
US-PATENT-CLASS-73-398AR .... c 52 N74-27566 *
US-PATENT-CLASS-73-398AR .... c 52 N76-29896 *
US-PATENT-CLASS-73-398C ..... c 14 N72-22438 *
US-PATENT-CLASS-73-398C ..... c 33 N76-21390 *
US-PATENT-CLASS-73-398 ..... c 14 N70-34816 *
US-PATENT-CLASS-73-398 ..... c 14 N71-21072 *
US-PATENT-CLASS-73-398 ..... c 09 N71-24597 *
US-PATENT-CLASS-73-398 ..... c 14 N73-30394 *
US-PATENT-CLASS-73-399 ..... c 37 N76-18454 *
US-PATENT-CLASS-73-3 ..... c 34 N74-27730 *
US-PATENT-CLASS-73-3 ..... c 34 N86-12547 *
US-PATENT-CLASS-73-4R ..... c 35 N74-13132 *
US-PATENT-CLASS-73-4R ..... c 35 N79-14347 *
US-PATENT-CLASS-73-4R ..... c 35 N80-18358 *
US-PATENT-CLASS-73-4V ..... c 35 N74-15092 *
US-PATENT-CLASS-73-40.5A ..... c 35 N85-21597 *
US-PATENT-CLASS-73-40.5 ..... c 14 N71-10779 *
US-PATENT-CLASS-73-40.7 ..... c 15 N71-24910 *
US-PATENT-CLASS-73-40.7 ..... c 14 N71-28992 *
US-PATENT-CLASS-73-40.7 ..... c 35 N74-32879 *
US-PATENT-CLASS-73-40.7 ..... c 35 N85-29213 *
US-PATENT-CLASS-73-400 ..... c 14 N71-23093 *
US-PATENT-CLASS-73-400 ..... c 14 N71-24232 *
US-PATENT-CLASS-73-400 ..... c 35 N79-33450 *
US-PATENT-CLASS-73-401 ..... c 14 N70-34820 *
US-PATENT-CLASS-73-40 ..... c 35 N75-15931 *
US-PATENT-CLASS-73-40 ..... c 35 N80-18358 *
US-PATENT-CLASS-73-419 ..... c 14 N71-22752 *
US-PATENT-CLASS-73-420 ..... c 35 N74-13132 *
US-PATENT-CLASS-73-421.5R ... c 13 N72-25323 *
US-PATENT-CLASS-73-421.5R ... c 14 N73-30395 *
US-PATENT-CLASS-73-421.5R ... c 52 N74-20728 *
US-PATENT-CLASS-73-421.5R ... c 35 N76-18401 *
US-PATENT-CLASS-73-421.5R ... c 35 N77-32456 *
US-PATENT-CLASS-73-421.5 ..... c 14 N73-12444 *
US-PATENT-CLASS-73-421R ..... c 54 N76-14804 *
US-PATENT-CLASS-73-422GC .... c 13 N72-25323 *
US-PATENT-CLASS-73-422TC .... c 13 N72-25323 *
US-PATENT-CLASS-73-422 ..... c 14 N71-20435 *
US-PATENT-CLASS-73-425.2 ..... c 91 N76-30131 *
US-PATENT-CLASS-73-425.4R ... c 35 N78-27384 *
US-PATENT-CLASS-73-425.6 ..... c 15 N72-21465 *
US-PATENT-CLASS-73-432.1 ..... c 34 N90-19534 *
US-PATENT-CLASS-73-432.1 ..... c 34 N91-31596 *

US-PATENT-CLASS-73-432PS .... c 76 N75-12810 *
US-PATENT-CLASS-73-432PS .... c 35 N75-33367 *
US-PATENT-CLASS-73-432PS .... c 35 N78-18390 *
US-PATENT-CLASS-73-432R ..... c 33 N73-27796 *
US-PATENT-CLASS-73-432R ..... c 14 N73-28487 *
US-PATENT-CLASS-73-432R ..... c 91 N76-30131 *
US-PATENT-CLASS-73-432R ..... c 35 N77-19385 *
US-PATENT-CLASS-73-432R ..... c 35 N78-18390 *
US-PATENT-CLASS-73-432R ..... c 15 N84-16231 *
US-PATENT-CLASS-73-432SD .... c 11 N72-27262 *
US-PATENT-CLASS-73-432SD .... c 11 N73-20267 *
US-PATENT-CLASS-73-432SD .... c 35 N77-18417 *
US-PATENT-CLASS-73-432T ..... c 74 N84-11921 *
US-PATENT-CLASS-73-432 ..... c 11 N70-34786 *
US-PATENT-CLASS-73-432 ..... c 11 N70-38675 *
US-PATENT-CLASS-73-432 ..... c 05 N70-42000 *
US-PATENT-CLASS-73-432 ..... c 31 N71-16221 *
US-PATENT-CLASS-73-432 ..... c 27 N71-16223 *
US-PATENT-CLASS-73-432 ..... c 30 N71-17788 *
US-PATENT-CLASS-73-432 ..... c 14 N71-23227 *
US-PATENT-CLASS-73-432 ..... c 10 N71-26339 *
US-PATENT-CLASS-73-432 ..... c 11 N71-28629 *
US-PATENT-CLASS-73-432 ..... c 14 N71-30026 *
US-PATENT-CLASS-73-432 ..... c 35 N74-21062 *
US-PATENT-CLASS-73-45.5 ..... c 12 N71-17573 *
US-PATENT-CLASS-73-456 ..... c 35 N78-24515 *
US-PATENT-CLASS-73-462 ..... c 35 N87-14670 *
US-PATENT-CLASS-73-468 ..... c 37 N84-28082 *
US-PATENT-CLASS-73-46 ..... c 35 N75-19612 *
US-PATENT-CLASS-73-473 ..... c 35 N87-14670 *
US-PATENT-CLASS-73-477 ..... c 35 N87-14670 *
US-PATENT-CLASS-73-49.2 ..... c 32 N71-24285 *
US-PATENT-CLASS-73-49.2 ..... c 35 N75-15931 *
US-PATENT-CLASS-73-49.2 ..... c 35 N75-19612 *
US-PATENT-CLASS-73-49.3 ..... c 14 N71-26672 *
US-PATENT-CLASS-73-49.8 ..... c 14 N69-27503 * #
US-PATENT-CLASS-73-49.8 ..... c 15 N71-29132 *
US-PATENT-CLASS-73-49.8 ..... c 14 N91-21175 *
US-PATENT-CLASS-73-490 ..... c 04 N81-21047 *
US-PATENT-CLASS-73-492 ..... c 14 N72-25411 *
US-PATENT-CLASS-73-493 ..... c 17 N76-29347 *
US-PATENT-CLASS-73-497 ..... c 14 N71-30265 *
US-PATENT-CLASS-73-497 ..... c 35 N74-15094 *
US-PATENT-CLASS-73-4 ..... c 14 N71-18481 *
US-PATENT-CLASS-73-4 ..... c 14 N71-23036 *
US-PATENT-CLASS-73-4 ..... c 14 N71-23755 *
US-PATENT-CLASS-73-4 ..... c 14 N73-30390 *
US-PATENT-CLASS-73-502 ..... c 35 N86-32695 * #
US-PATENT-CLASS-73-504 ..... c 04 N81-21047 *
US-PATENT-CLASS-73-505 ..... c 23 N71-16098 *
US-PATENT-CLASS-73-505 ..... c 12 N75-24774 *
US-PATENT-CLASS-73-505 ..... c 71 N78-10837 *
US-PATENT-CLASS-73-505 ..... c 71 N79-20827 *
US-PATENT-CLASS-73-505 ..... c 71 N81-15767 *
US-PATENT-CLASS-73-505 ..... c 71 N83-32515 *
US-PATENT-CLASS-73-505 ..... c 71 N83-32516 *
US-PATENT-CLASS-73-505 ..... c 71 N83-36846 *
US-PATENT-CLASS-73-505 ..... c 71 N84-23233 *
US-PATENT-CLASS-73-505 ..... c 71 N85-22105 *
US-PATENT-CLASS-73-505 ..... c 71 N85-29693 *
US-PATENT-CLASS-73-505 ..... c 35 N86-20752 *
US-PATENT-CLASS-73-505 ..... c 26 N86-32551 *
US-PATENT-CLASS-73-505 ..... c 71 N88-24241 *
US-PATENT-CLASS-73-505 ..... c 71 N89-13236 *
US-PATENT-CLASS-73-505 ..... c 35 N89-14422 *
US-PATENT-CLASS-73-505 ..... c 71 N90-12289 *
US-PATENT-CLASS-73-505 ..... c 71 N91-14807 *
US-PATENT-CLASS-73-510 ..... c 18 N81-29152 *
US-PATENT-CLASS-73-515 ..... c 14 N72-25410 *
US-PATENT-CLASS-73-517B ..... c 35 N74-15094 *
US-PATENT-CLASS-73-517R ..... c 17 N76-29347 *
US-PATENT-CLASS-73-517 ..... c 11 N70-38196 *
US-PATENT-CLASS-73-517 ..... c 14 N70-41682 *
US-PATENT-CLASS-73-517 ..... c 14 N71-15969 *
US-PATENT-CLASS-73-521 ..... c 14 N72-25410 *
US-PATENT-CLASS-73-521 ..... c 35 N86-32695 * #
US-PATENT-CLASS-73-557 ..... c 35 N75-19614 *
US-PATENT-CLASS-73-557 ..... c 07 N76-27232 *
US-PATENT-CLASS-73-56 ..... c 35 N80-18357 *
US-PATENT-CLASS-73-571 ..... c 71 N90-12289 *
US-PATENT-CLASS-73-571 ..... c 33 N92-33021 *
US-PATENT-CLASS-73-579 ..... c 39 N78-15512 *
US-PATENT-CLASS-73-579 ..... c 35 N79-10390 *
US-PATENT-CLASS-73-579 ..... c 33 N83-16626 *
US-PATENT-CLASS-73-579 ..... c 27 N85-20126 *
US-PATENT-CLASS-73-57 ..... c 14 N71-17584 *
US-PATENT-CLASS-73-57 ..... c 14 N73-14429 *
US-PATENT-CLASS-73-582 ..... c 27 N85-20126 *
US-PATENT-CLASS-73-583 ..... c 71 N87-21652 *
US-PATENT-CLASS-73-587 ..... c 35 N88-23966 *
US-PATENT-CLASS-73-588 ..... c 37 N84-33807 *
US-PATENT-CLASS-73-588 ..... c 27 N85-20126 *
US-PATENT-CLASS-73-589 ..... c 35 N79-10390 *
US-PATENT-CLASS-73-589 ..... c 35 N84-22933 *
US-PATENT-CLASS-73-589 ..... c 71 N87-21652 *
US-PATENT-CLASS-73-594 ..... c 35 N84-22933 *

US-PATENT-CLASS-73-597 ..... c 33 N83-16626 *
US-PATENT-CLASS-73-597 ..... c 52 N83-27578 *
US-PATENT-CLASS-73-597 ..... c 32 N87-14559 *
US-PATENT-CLASS-73-599 ..... c 71 N87-21652 *
US-PATENT-CLASS-73-599 ..... c 71 N87-21653 *
US-PATENT-CLASS-73-601 ..... c 39 N92-28757 *
US-PATENT-CLASS-73-603 ..... c 38 N78-32447 *
US-PATENT-CLASS-73-60 ..... c 14 N73-14429 *
US-PATENT-CLASS-73-61.1C ..... c 23 N77-17161 *
US-PATENT-CLASS-73-61R ..... c 35 N78-27384 *
US-PATENT-CLASS-73-615 ..... c 32 N87-14559 *
US-PATENT-CLASS-73-61 ..... c 14 N71-26199 *
US-PATENT-CLASS-73-620 ..... c 35 N84-22928 *
US-PATENT-CLASS-73-626 ..... c 52 N79-26771 *
US-PATENT-CLASS-73-629 ..... c 33 N83-16626 *
US-PATENT-CLASS-73-630 ..... c 39 N78-15512 *
US-PATENT-CLASS-73-631 ..... c 71 N91-27914 *
US-PATENT-CLASS-73-632 ..... c 38 N79-14398 *
US-PATENT-CLASS-73-633 ..... c 52 N79-14751 *
US-PATENT-CLASS-73-633 ..... c 35 N84-22928 *
US-PATENT-CLASS-73-64.4 ..... c 34 N83-31993 *
US-PATENT-CLASS-73-641 ..... c 38 N79-14398 *
US-PATENT-CLASS-73-644 ..... c 38 N79-14398 *
US-PATENT-CLASS-73-644 ..... c 52 N79-14751 *
US-PATENT-CLASS-73-646 ..... c 71 N78-14867 *
US-PATENT-CLASS-73-646 ..... c 35 N84-12445 *
US-PATENT-CLASS-73-647 ..... c 32 N79-24203 *
US-PATENT-CLASS-73-655 ..... c 35 N80-14371 *
US-PATENT-CLASS-73-657 ..... c 35 N85-30282 *
US-PATENT-CLASS-73-658 ..... c 35 N84-12445 *
US-PATENT-CLASS-73-658 ..... c 37 N91-14607 *
US-PATENT-CLASS-73-65 ..... c 14 N71-22992 *
US-PATENT-CLASS-73-661 ..... c 35 N80-14371 *
US-PATENT-CLASS-73-663 ..... c 14 N91-21176 *
US-PATENT-CLASS-73-67.1 ..... c 35 N75-12271 *
US-PATENT-CLASS-73-67.2 ..... c 11 N69-21540 * #
US-PATENT-CLASS-73-67.2 ..... c 15 N71-18132 *
US-PATENT-CLASS-73-67.2 ..... c 14 N72-22440 *
US-PATENT-CLASS-73-67.2 ..... c 35 N78-17358 *
US-PATENT-CLASS-73-67.3 ..... c 32 N73-26910 *
US-PATENT-CLASS-73-67.5R ..... c 38 N74-15395 *
US-PATENT-CLASS-73-67.7 ..... c 39 N77-28511 *
US-PATENT-CLASS-73-67.8S ..... c 35 N74-10415 *
US-PATENT-CLASS-73-67.8S ..... c 38 N74-15130 *
US-PATENT-CLASS-73-67.9 ..... c 52 N74-20726 *
US-PATENT-CLASS-73-683.31 .... c 35 N81-29407 *
US-PATENT-CLASS-73-684.52 .... c 35 N81-29407 *
US-PATENT-CLASS-73-69 ..... c 71 N74-31148 *
US-PATENT-CLASS-73-70.2 ..... c 14 N71-10616 *
US-PATENT-CLASS-73-705 ..... c 36 N85-21639 *
US-PATENT-CLASS-73-705 ..... c 74 N92-33017 *
US-PATENT-CLASS-73-708 ..... c 34 N85-21568 *
US-PATENT-CLASS-73-708 ..... c 35 N92-21586 *
US-PATENT-CLASS-73-708 ..... c 35 N92-29097 *
US-PATENT-CLASS-73-71.2 ..... c 14 N70-34794 *
US-PATENT-CLASS-73-71.3 ..... c 35 N74-15146 *
US-PATENT-CLASS-73-71.4 ..... c 32 N71-16428 *
US-PATENT-CLASS-73-71.4 ..... c 32 N71-26681 *
US-PATENT-CLASS-73-71.5R ..... c 71 N74-31148 *
US-PATENT-CLASS-73-71.5U ..... c 38 N74-15395 *
US-PATENT-CLASS-73-71.6 ..... c 14 N71-27185 *
US-PATENT-CLASS-73-71.6 ..... c 14 N72-27412 *
US-PATENT-CLASS-73-71.6 ..... c 14 N73-13416 *
US-PATENT-CLASS-73-71.6 ..... c 14 N73-19421 *
US-PATENT-CLASS-73-71.6 ..... c 35 N77-18417 *
US-PATENT-CLASS-73-714 ..... c 35 N79-14347 *
US-PATENT-CLASS-73-714 ..... c 34 N79-24285 *
US-PATENT-CLASS-73-714 ..... c 35 N84-14491 *
US-PATENT-CLASS-73-721 ..... c 35 N79-14347 *
US-PATENT-CLASS-73-721 ..... c 35 N84-22934 *
US-PATENT-CLASS-73-721 ..... c 35 N92-29097 *
US-PATENT-CLASS-73-724 ..... c 32 N79-24203 *
US-PATENT-CLASS-73-724 ..... c 52 N80-18691 *
US-PATENT-CLASS-73-724 ..... c 33 N82-26572 *
US-PATENT-CLASS-73-727 ..... c 35 N92-29097 *
US-PATENT-CLASS-73-753 ..... c 35 N85-21597 *
US-PATENT-CLASS-73-756 ..... c 35 N78-24515 *
US-PATENT-CLASS-73-756 ..... c 35 N79-14347 *
US-PATENT-CLASS-73-756 ..... c 35 N84-22934 *
US-PATENT-CLASS-73-756 ..... c 35 N87-28884 *
US-PATENT-CLASS-73-756 ..... c 35 N92-29097 *
US-PATENT-CLASS-73-75 ..... c 35 N85-34373 *
US-PATENT-CLASS-73-761 ..... c 33 N83-16626 *
US-PATENT-CLASS-73-761 ..... c 39 N92-34174 *
US-PATENT-CLASS-73-76 ..... c 06 N72-17095 *
US-PATENT-CLASS-73-770 ..... c 39 N79-22537 *
US-PATENT-CLASS-73-781 ..... c 52 N80-27072 *
US-PATENT-CLASS-73-794 ..... c 35 N88-23967 *
US-PATENT-CLASS-73-794 ..... c 24 N91-14430 *
US-PATENT-CLASS-73-799 ..... c 35 N90-23712 *
US-PATENT-CLASS-73-79 ..... c 14 N71-26161 *
US-PATENT-CLASS-73-7 ..... c 25 N86-19413 *
US-PATENT-CLASS-73-801 ..... c 35 N88-23966 *
US-PATENT-CLASS-73-801 ..... c 39 N92-29155 *
US-PATENT-CLASS-73-809 ..... c 39 N87-25601 *
US-PATENT-CLASS-73-810 ..... c 39 N79-22537 *

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US-PATENT-CLASS-73-810 ..... c 35 N88-23967 *
US-PATENT-CLASS-73-818 ..... c 35 N83-21312 *
US-PATENT-CLASS-73-818 ..... c 39 N83-32081 *
US-PATENT-CLASS-73-81 ..... c 14 N73-32321 *
US-PATENT-CLASS-73-822 ..... c 39 N83-32081 *
US-PATENT-CLASS-73-826 ..... c 14 N91-27175 *
US-PATENT-CLASS-73-827 ..... c 39 N86-20841 *
US-PATENT-CLASS-73-82 ..... c 43 N79-25443 *
US-PATENT-CLASS-73-82 ..... c 43 N80-14423 *
US-PATENT-CLASS-73-82 ..... c 43 N80-23711 *
US-PATENT-CLASS-73-831 ..... c 35 N85-34375 *
US-PATENT-CLASS-73-831 ..... c 37 N90-20409 *
US-PATENT-CLASS-73-833 ..... c 24 N84-27829 *
US-PATENT-CLASS-73-834 ..... c 37 N88-14361 *
US-PATENT-CLASS-73-845 ..... c 35 N90-23712 *
US-PATENT-CLASS-73-84 ..... c 14 N71-22765 *
US-PATENT-CLASS-73-84 ..... c 14 N73-19420 *
US-PATENT-CLASS-73-84 ..... c 35 N77-27367 *
US-PATENT-CLASS-73-852 ..... c 37 N91-21540 *
US-PATENT-CLASS-73-856 ..... c 39 N83-32081 *
US-PATENT-CLASS-73-856 ..... c 24 N84-27829 *
US-PATENT-CLASS-73-856 ..... c 35 N85-34375 *
US-PATENT-CLASS-73-856 ..... c 09 N87-25334 *
US-PATENT-CLASS-73-85 ..... c 14 N72-33377 *
US-PATENT-CLASS-73-860 ..... c 39 N83-32081 *
US-PATENT-CLASS-73-860 ..... c 37 N90-20409 *
US-PATENT-CLASS-73-861.05 .... c 33 N83-31954 *
US-PATENT-CLASS-73-861.05 .... c 02 N92-34172 *
US-PATENT-CLASS-73-861.07 .... c 34 N86-12547 *
US-PATENT-CLASS-73-861.58 .... c 35 N86-25752 *
US-PATENT-CLASS-73-861.65 .... c 02 N80-28300 *
US-PATENT-CLASS-73-861.65 .... c 35 N89-14423 *
US-PATENT-CLASS-73-861.66 .... c 02 N80-28300 *
US-PATENT-CLASS-73-861.71 .... c 47 N84-28292 *
US-PATENT-CLASS-73-861 ..... c 34 N81-26402 *
US-PATENT-CLASS-73-862.01 .... c 35 N86-19581 *
US-PATENT-CLASS-73-862.04 .... c 35 N86-32696 *
US-PATENT-CLASS-73-862.04 .... c 35 N92-10185 *
US-PATENT-CLASS-73-862.08 .... c 54 N82-26987 *
US-PATENT-CLASS-73-862.33 .... c 35 N91-17350 *
US-PATENT-CLASS-73-862.36 .... c 35 N91-17350 *
US-PATENT-CLASS-73-862.54 .... c 37 N83-36482 *
US-PATENT-CLASS-73-862.54 .... c 35 N85-20294 *
US-PATENT-CLASS-73-862.54 .... c 35 N86-19581 *
US-PATENT-CLASS-73-862.59 .... c 39 N92-34174 *
US-PATENT-CLASS-73-862.61 .... c 35 N86-32696 *
US-PATENT-CLASS-73-862.61 .... c 35 N90-17117 *
US-PATENT-CLASS-73-862.65 .... c 35 N84-28015 *
US-PATENT-CLASS-73-862.65 .... c 35 N92-10185 *
US-PATENT-CLASS-73-863.11 .... c 35 N83-29650 *
US-PATENT-CLASS-73-863.11 .... c 37 N85-29286 *
US-PATENT-CLASS-73-863.21 .... c 35 N86-26595 *
US-PATENT-CLASS-73-863.22 .... c 51 N91-31755 *
US-PATENT-CLASS-73-863.23 .... c 34 N92-16241 *
US-PATENT-CLASS-73-863.31 .... c 45 N83-25217 *
US-PATENT-CLASS-73-863.31 .... c 35 N86-26595 *
US-PATENT-CLASS-73-863.41 .... c 51 N91-31755 *
US-PATENT-CLASS-73-863.72 .... c 35 N86-26595 *
US-PATENT-CLASS-73-863.83 .... c 45 N83-25217 *
US-PATENT-CLASS-73-863.85 .... c 51 N91-31755 *
US-PATENT-CLASS-73-863.86 .... c 35 N85-29213 *
US-PATENT-CLASS-73-863.86 .... c 51 N91-31755 *
US-PATENT-CLASS-73-864.34 .... c 35 N86-26595 *
US-PATENT-CLASS-73-864.41 .... c 35 N84-28018 *
US-PATENT-CLASS-73-864.52 .... c 35 N85-29213 *
US-PATENT-CLASS-73-864.63 .... c 45 N83-25217 *
US-PATENT-CLASS-73-864.81 .... c 37 N85-29286 *
US-PATENT-CLASS-73-865.6 ..... c 09 N91-21157 *
US-PATENT-CLASS-73-865.6 ..... c 14 N91-21176 *
US-PATENT-CLASS-73-866.4 ..... c 14 N91-21176 *
US-PATENT-CLASS-73-86 ..... c 14 N69-39975 * #
US-PATENT-CLASS-73-86 ..... c 33 N71-21586 *
US-PATENT-CLASS-73-86 ..... c 33 N73-27796 *
US-PATENT-CLASS-73-86 ..... c 34 N74-15652 *
US-PATENT-CLASS-73-88.5R ..... c 15 N72-17452 *
US-PATENT-CLASS-73-88.5R ..... c 32 N73-26910 *
US-PATENT-CLASS-73-88.5R ..... c 52 N74-27864 *
US-PATENT-CLASS-73-88.5R ..... c 35 N76-14430 *
US-PATENT-CLASS-73-88.5SD ... c 33 N76-19338 *
US-PATENT-CLASS-73-88.5 ..... c 14 N70-34705 *
US-PATENT-CLASS-73-88.5 ..... c 14 N70-34799 *
US-PATENT-CLASS-73-88.5 ..... c 14 N71-17656 *
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US-PATENT-CLASS-73-88.5 ..... c 14 N71-23087 *
US-PATENT-CLASS-73-88.5 ..... c 14 N71-24233 *
US-PATENT-CLASS-73-88.5 ..... c 09 N72-22200 *
US-PATENT-CLASS-73-88.5 ..... c 33 N75-31329 *
US-PATENT-CLASS-73-88.5 ..... c 38 N76-28563 *
US-PATENT-CLASS-73-88A ..... c 32 N73-20740 *
US-PATENT-CLASS-73-88F ..... c 39 N78-15512 *
US-PATENT-CLASS-73-88R ..... c 35 N74-13129 *
US-PATENT-CLASS-73-88R ..... c 35 N77-22449 *
US-PATENT-CLASS-73-88R ..... c 39 N77-28511 *
US-PATENT-CLASS-73-88 ..... c 32 N71-17645 *
US-PATENT-CLASS-73-90 ..... c 32 N70-42003 *

US-PATENT-CLASS-73-90 ..... c 32 N71-25360 *
US-PATENT-CLASS-73-90 ..... c 14 N73-20476 *
US-PATENT-CLASS-73-91 ..... c 14 N73-20476 *
US-PATENT-CLASS-73-91 ..... c 32 N73-26910 *
US-PATENT-CLASS-73-91 ..... c 09 N74-19528 *
US-PATENT-CLASS-73-91 ..... c 39 N78-10493 *
US-PATENT-CLASS-73-94 ..... c 14 N73-32323 *
US-PATENT-CLASS-73-95 ..... c 15 N71-24834 *
US-PATENT-CLASS-73-95 ..... c 14 N72-11364 *
US-PATENT-CLASS-73-95 ..... c 35 N76-18400 *
US-PATENT-CLASS-73-95 ..... c 35 N77-22450 *
US-PATENT-CLASS-73-95 ..... c 31 N79-11246 *
US-PATENT-CLASS-73-97 ..... c 14 N71-15600 *
US-PATENT-CLASS-73-99 ..... c 14 N71-10781 *
US-PATENT-CLASS-73-9 ..... c 14 N71-22995 *
US-PATENT-CLASS-73-9 ..... c 35 N76-31489 *
US-PATENT-CLASS-73-9 ..... c 15 N84-16231 *
US-PATENT-CLASS-74-100R ..... c 37 N78-31426 *
US-PATENT-CLASS-74-100 ..... c 15 N71-24045 *
US-PATENT-CLASS-74-105 ..... c 09 N72-22195 *
US-PATENT-CLASS-74-110 ..... c 44 N83-14693 *
US-PATENT-CLASS-74-126 ..... c 15 N71-21529 *
US-PATENT-CLASS-74-18.1 ..... c 37 N82-24493 *
US-PATENT-CLASS-74-18.2 ..... c 11 N71-27036 *
US-PATENT-CLASS-74-18.2 ..... c 37 N82-24493 *
US-PATENT-CLASS-74-217R ..... c 37 N74-23070 *
US-PATENT-CLASS-74-25 ..... c 37 N92-33031 *
US-PATENT-CLASS-74-2 ..... c 15 N71-24600 *
US-PATENT-CLASS-74-2 ..... c 31 N73-14855 *
US-PATENT-CLASS-74-384 ..... c 37 N76-15457 *
US-PATENT-CLASS-74-385 ..... c 07 N78-17056 *
US-PATENT-CLASS-74-409 ..... c 15 N71-21744 *
US-PATENT-CLASS-74-417 ..... c 07 N78-17056 *
US-PATENT-CLASS-74-417 ..... c 37 N81-14318 *
US-PATENT-CLASS-74-417 ..... c 37 N81-17432 *
US-PATENT-CLASS-74-424.8-R .. c 35 N87-21304 *
US-PATENT-CLASS-74-424.8B ... c 37 N85-20338 *
US-PATENT-CLASS-74-424.8VA . c 37 N75-15050 *
US-PATENT-CLASS-74-424.8VA . c 37 N85-20338 *
US-PATENT-CLASS-74-424.8 ..... c 15 N71-26635 *
US-PATENT-CLASS-74-425 ..... c 37 N80-32716 *
US-PATENT-CLASS-74-436 ..... c 37 N75-13266 *
US-PATENT-CLASS-74-437 ..... c 37 N92-33031 *
US-PATENT-CLASS-74-441 ..... c 35 N87-21304 *
US-PATENT-CLASS-74-458 ..... c 35 N87-21304 *
US-PATENT-CLASS-74-468 ..... c 15 N71-24984 *
US-PATENT-CLASS-74-468 ..... c 35 N87-21304 *
US-PATENT-CLASS-74-469 ..... c 15 N72-21463 *
US-PATENT-CLASS-74-469 ..... c 15 N72-28495 *
US-PATENT-CLASS-74-471XY .... c 54 N75-27760 *
US-PATENT-CLASS-74-471XY .... c 33 N92-29153 *
US-PATENT-CLASS-74-471 ..... c 05 N70-41581 *
US-PATENT-CLASS-74-471 ..... c 03 N70-42073 *
US-PATENT-CLASS-74-471 ..... c 15 N71-20740 *
US-PATENT-CLASS-74-479 ..... c 08 N82-24205 *
US-PATENT-CLASS-74-479 ..... c 37 N91-14616 *
US-PATENT-CLASS-74-479 ..... c 37 N92-33634 *
US-PATENT-CLASS-74-480R ..... c 05 N75-12930 *
US-PATENT-CLASS-74-480R ..... c 08 N82-24205 *
US-PATENT-CLASS-74-5.12 ..... c 31 N71-26537 *
US-PATENT-CLASS-74-5.22 ..... c 21 N73-13644 *
US-PATENT-CLASS-74-5.34 ..... c 04 N76-26175 *
US-PATENT-CLASS-74-5.34 ..... c 06 N83-33882 *
US-PATENT-CLASS-74-5.47 ..... c 21 N71-23289 *
US-PATENT-CLASS-74-5.5 ..... c 35 N74-28097 *
US-PATENT-CLASS-74-5.5 ..... c 37 N84-28082 *
US-PATENT-CLASS-74-5.6D ..... c 33 N85-29142 *
US-PATENT-CLASS-74-5.6 ..... c 35 N74-15094 *
US-PATENT-CLASS-74-5.7 ..... c 35 N74-18323 *
US-PATENT-CLASS-74-5.7 ..... c 15 N76-14158 *
US-PATENT-CLASS-74-5F ..... c 15 N73-12488 *
US-PATENT-CLASS-74-501R ..... c 15 N72-22485 *
US-PATENT-CLASS-74-515E ..... c 54 N78-17676 *
US-PATENT-CLASS-74-519 ..... c 03 N70-41954 *
US-PATENT-CLASS-74-519 ..... c 05 N81-19087 *
US-PATENT-CLASS-74-572 ..... c 07 N78-33101 *
US-PATENT-CLASS-74-572 ..... c 37 N79-10422 *
US-PATENT-CLASS-74-572 ..... c 44 N79-14527 *
US-PATENT-CLASS-74-572 ..... c 24 N81-29163 *
US-PATENT-CLASS-74-572 ..... c 35 N89-15379 *
US-PATENT-CLASS-74-573R ..... c 37 N84-28082 *
US-PATENT-CLASS-74-586 ..... c 37 N79-14382 *
US-PATENT-CLASS-74-58 ..... c 35 N84-22928 *
US-PATENT-CLASS-74-594.6 ..... c 37 N74-18127 *
US-PATENT-CLASS-74-594.7 ..... c 37 N74-18127 *
US-PATENT-CLASS-74-61 ..... c 35 N92-33010 *
US-PATENT-CLASS-74-63 ..... c 15 N71-17692 *
US-PATENT-CLASS-74-661 ..... c 37 N80-32716 *
US-PATENT-CLASS-74-665B ..... c 37 N76-15457 *
US-PATENT-CLASS-74-665C ..... c 37 N80-32716 *
US-PATENT-CLASS-74-665G ..... c 37 N91-14616 *
US-PATENT-CLASS-74-674 ..... c 37 N79-20377 *
US-PATENT-CLASS-74-675 ..... c 37 N74-27901 *
US-PATENT-CLASS-74-705 ..... c 37 N79-20377 *
US-PATENT-CLASS-74-710 ..... c 37 N74-27901 *
US-PATENT-CLASS-74-753 ..... c 37 N84-28084 *
US-PATENT-CLASS-74-758 ..... c 37 N84-28084 *
US-PATENT-CLASS-74-764 ..... c 37 N79-20377 *
US-PATENT-CLASS-74-800 ..... c 37 N78-17385 *
US-PATENT-CLASS-74-812 ..... c 37 N84-28084 *
US-PATENT-CLASS-74-81 ..... c 37 N78-16369 *
US-PATENT-CLASS-74-820 ..... c 37 N75-13266 *
US-PATENT-CLASS-74-83 ..... c 37 N78-16369 *
US-PATENT-CLASS-74-87 ..... c 35 N92-33010 *
US-PATENT-CLASS-74-89.15 ..... c 15 N71-26635 *
US-PATENT-CLASS-74-89.15 ..... c 15 N72-21462 *
US-PATENT-CLASS-74-89.15 ..... c 35 N87-21304 *
US-PATENT-CLASS-74-89.18 ..... c 15 N71-23809 *
US-PATENT-CLASS-74-89 ..... c 37 N81-33483 *
US-PATENT-CLASS-74-96 ..... c 37 N77-22482 *
US-PATENT-CLASS-75-.5B ..... c 17 N72-22530 *
US-PATENT-CLASS-75-DIG.1 ..... c 18 N72-25539 *
US-PATENT-CLASS-75-DIG.1 ..... c 37 N75-26371 *
US-PATENT-CLASS-75-0.5BB ..... c 15 N72-25448 *
US-PATENT-CLASS-75-122.7 ..... c 37 N77-19458 *
US-PATENT-CLASS-75-124 ..... c 26 N78-18182 *
US-PATENT-CLASS-75-124 ..... c 26 N80-32484 *
US-PATENT-CLASS-75-126D ..... c 26 N78-18182 *
US-PATENT-CLASS-75-126F ..... c 26 N78-18182 *
US-PATENT-CLASS-75-128G ..... c 26 N78-18182 *
US-PATENT-CLASS-75-128T ..... c 26 N78-18182 *
US-PATENT-CLASS-75-134D ..... c 76 N79-16678 *
US-PATENT-CLASS-75-135 ..... c 18 N73-32437 *
US-PATENT-CLASS-75-135 ..... c 24 N77-27187 *
US-PATENT-CLASS-75-135 ..... c 26 N80-23419 *
US-PATENT-CLASS-75-138 ..... c 26 N80-23419 *
US-PATENT-CLASS-75-139 ..... c 24 N77-27187 *
US-PATENT-CLASS-75-142 ..... c 17 N71-20743 *
US-PATENT-CLASS-75-170 ..... c 17 N71-15644 *
US-PATENT-CLASS-75-170 ..... c 17 N71-16025 *
US-PATENT-CLASS-75-170 ..... c 17 N71-23248 *
US-PATENT-CLASS-75-170 ..... c 17 N72-22535 *
US-PATENT-CLASS-75-170 ..... c 37 N77-19458 *
US-PATENT-CLASS-75-170 ..... c 26 N77-20201 *
US-PATENT-CLASS-75-170 ..... c 26 N77-32279 *
US-PATENT-CLASS-75-170 ..... c 26 N77-32280 *
US-PATENT-CLASS-75-170 ..... c 26 N78-18183 *
US-PATENT-CLASS-75-171 ..... c 17 N70-33283 *
US-PATENT-CLASS-75-171 ..... c 17 N70-36616 *
US-PATENT-CLASS-75-171 ..... c 17 N71-16026 *
US-PATENT-CLASS-75-171 ..... c 17 N73-32415 *
US-PATENT-CLASS-75-172 ..... c 17 N71-23365 *
US-PATENT-CLASS-75-173 ..... c 26 N75-27126 *
US-PATENT-CLASS-75-173 ..... c 26 N75-27127 *
US-PATENT-CLASS-75-178R ..... c 04 N76-20114 *
US-PATENT-CLASS-75-178R ..... c 26 N80-23419 *
US-PATENT-CLASS-75-20F ..... c 15 N72-11387 *
US-PATENT-CLASS-75-200 ..... c 26 N74-10521 *
US-PATENT-CLASS-75-200 ..... c 37 N74-13179 *
US-PATENT-CLASS-75-200 ..... c 24 N75-13032 *
US-PATENT-CLASS-75-200 ..... c 37 N75-26371 *
US-PATENT-CLASS-75-200 ..... c 24 N80-33482 *
US-PATENT-CLASS-75-202 ..... c 17 N71-15468 *
US-PATENT-CLASS-75-203 ..... c 27 N79-14213 *
US-PATENT-CLASS-75-204 ..... c 18 N71-22894 *
US-PATENT-CLASS-75-205 ..... c 27 N79-14213 *
US-PATENT-CLASS-75-206 ..... c 15 N72-25448 *
US-PATENT-CLASS-75-206 ..... c 27 N79-14213 *
US-PATENT-CLASS-75-208R ..... c 37 N75-26371 *
US-PATENT-CLASS-75-208 ..... c 18 N72-25539 *
US-PATENT-CLASS-75-211 ..... c 18 N72-25539 *
US-PATENT-CLASS-75-212 ..... c 37 N75-26371 *
US-PATENT-CLASS-75-212 ..... c 27 N79-14213 *
US-PATENT-CLASS-75-213 ..... c 15 N72-25448 *
US-PATENT-CLASS-75-213 ..... c 37 N74-13179 *
US-PATENT-CLASS-75-214 ..... c 37 N74-13179 *
US-PATENT-CLASS-75-214 ..... c 37 N75-26371 *
US-PATENT-CLASS-75-222 ..... c 28 N70-38197 *
US-PATENT-CLASS-75-222 ..... c 37 N75-26371 *
US-PATENT-CLASS-75-222 ..... c 24 N80-33482 *
US-PATENT-CLASS-75-225 ..... c 34 N76-27515 *
US-PATENT-CLASS-75-226 ..... c 18 N72-25539 *
US-PATENT-CLASS-75-226 ..... c 26 N74-10521 *
US-PATENT-CLASS-75-226 ..... c 37 N74-13179 *
US-PATENT-CLASS-75-226 ..... c 27 N79-14213 *
US-PATENT-CLASS-75-228 ..... c 24 N90-23493 *
US-PATENT-CLASS-75-229 ..... c 27 N78-17206 *
US-PATENT-CLASS-75-239 ..... c 27 N78-17206 *
US-PATENT-CLASS-75-241 ..... c 27 N78-17206 *
US-PATENT-CLASS-75-25 ..... c 28 N81-15119 *
US-PATENT-CLASS-75-331 ..... c 31 N91-32240 *
US-PATENT-CLASS-75-338 ..... c 31 N91-32240 *
US-PATENT-CLASS-75-340 ..... c 31 N91-32240 *
US-PATENT-CLASS-75-342 ..... c 31 N91-32240 *
US-PATENT-CLASS-75-63 ..... c 15 N71-27184 *
US-PATENT-CLASS-75-65R ..... c 24 N77-27187 *
US-PATENT-CLASS-75-66 ..... c 17 N71-26773 *
US-PATENT-CLASS-75-66 ..... c 06 N73-13129 *
US-PATENT-CLASS-75-66 ..... c 17 N73-28573 *
US-PATENT-CLASS-77.5AQ ..... c 27 N81-15104 *
US-PATENT-CLASS-77.5CH ..... c 27 N81-15104 *
US-PATENT-CLASS-78-1 ..... c 15 N70-33330 *
US-PATENT-CLASS-788-704 ..... c 36 N79-18307 *
US-PATENT-CLASS-8-DIG.12 ..... c 27 N80-26446 *
US-PATENT-CLASS-8-DIG.18 ..... c 27 N80-26446 *
US-PATENT-CLASS-8-DIG.9 ..... c 25 N86-25428 *
US-PATENT-CLASS-8-115.5 ..... c 27 N80-26446 *
US-PATENT-CLASS-8-150 ..... c 09 N82-29330 *
US-PATENT-CLASS-8-3 ..... c 51 N77-27677 *
US-PATENT-CLASS-8-94.11 ..... c 51 N77-27677 *
US-PATENT-CLASS-8-94.12 ..... c 18 N71-15545 *
US-PATENT-CLASS-81-119 ..... c 37 N79-14383 *
US-PATENT-CLASS-81-177G ..... c 37 N85-21649 *
US-PATENT-CLASS-81-180B ..... c 37 N79-14383 *
US-PATENT-CLASS-81-3R ..... c 15 N71-29133 *
US-PATENT-CLASS-81-55 ..... c 37 N83-36482 *
US-PATENT-CLASS-81-56 ..... c 37 N76-20480 *
US-PATENT-CLASS-81-57.31 ..... c 37 N76-20480 *
US-PATENT-CLASS-81-57.38 ..... c 15 N73-30457 *
US-PATENT-CLASS-81-57.38 ..... c 37 N83-36482 *
US-PATENT-CLASS-81-63.1 ..... c 15 N71-17805 *
US-PATENT-CLASS-81-9.5R ..... c 37 N79-10419 *
US-PATENT-CLASS-81-90B ..... c 37 N79-14383 *
US-PATENT-CLASS-82-1.2 ..... c 37 N81-14319 *
US-PATENT-CLASS-82-1C ..... c 37 N81-14319 *
US-PATENT-CLASS-82-14 ..... c 15 N71-22722 *
US-PATENT-CLASS-82-24R ..... c 14 N72-16283 *
US-PATENT-CLASS-82-36R ..... c 37 N81-14319 *
US-PATENT-CLASS-82-90 ..... c 37 N85-21650 *
US-PATENT-CLASS-83-152 ..... c 76 N80-18951 *
US-PATENT-CLASS-83-203 ..... c 54 N91-26747 *
US-PATENT-CLASS-83-206 ..... c 54 N91-26747 *
US-PATENT-CLASS-83-277 ..... c 54 N91-26747 *
US-PATENT-CLASS-83-282 ..... c 54 N91-26747 *
US-PATENT-CLASS-83-451 ..... c 37 N77-14478 *
US-PATENT-CLASS-83-452 ..... c 39 N74-13131 *
US-PATENT-CLASS-83-467R ..... c 37 N77-14478 *
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US-PATENT-CLASS-83-522 ..... c 15 N72-27485 *
US-PATENT-CLASS-83-562 ..... c 15 N72-27485 *
US-PATENT-CLASS-83-563 ..... c 15 N72-27485 *
US-PATENT-CLASS-83-588 ..... c 15 N72-27485 *
US-PATENT-CLASS-83-602 ..... c 39 N74-13131 *
US-PATENT-CLASS-83-614 ..... c 54 N91-26747 *
US-PATENT-CLASS-83-649 ..... c 54 N91-26747 *
US-PATENT-CLASS-83-664 ..... c 37 N85-21650 *
US-PATENT-CLASS-83-676 ..... c 37 N85-21650 *
US-PATENT-CLASS-83-820 ..... c 37 N80-29703 *
US-PATENT-CLASS-83-870 ..... c 76 N80-18951 *
US-PATENT-CLASS-83-8 ..... c 15 N72-27485 *
US-PATENT-CLASS-83-917 ..... c 39 N74-13131 *
US-PATENT-CLASS-85-1 ..... c 15 N72-22488 *
US-PATENT-CLASS-85-33 ..... c 15 N71-15922 *
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US-PATENT-CLASS-85-3 ..... c 15 N71-17653 *
US-PATENT-CLASS-85-5B ..... c 15 N72-11385 *
US-PATENT-CLASS-85-7 ..... c 15 N71-23254 *
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US-PATENT-CLASS-86-1R ..... c 20 N77-17143 *
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US-PATENT-CLASS-86-20.2 ..... c 28 N71-26779 *
US-PATENT-CLASS-86-20R ..... c 20 N77-17143 *
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US-PATENT-CLASS-88-14 ..... c 14 N70-40003 *
US-PATENT-CLASS-88-14 ..... c 14 N70-41946 *
US-PATENT-CLASS-88-14 ..... c 14 N70-41955 *
US-PATENT-CLASS-88-14 ..... c 09 N71-22999 *
US-PATENT-CLASS-88-16 ..... c 14 N70-33254 *
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US-PATENT-CLASS-88-1 ..... c 21 N71-22880 *
US-PATENT-CLASS-88-24 ..... c 23 N71-21882 *
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US-PATENT-CLASS-89-1.14 ..... c 37 N90-21390 *
US-PATENT-CLASS-89-1.14 ..... c 37 N91-32498 *
US-PATENT-CLASS-89-1.34 ..... c 03 N91-15142 *
US-PATENT-CLASS-89-1.5G ..... c 08 N82-32373 *
US-PATENT-CLASS-89-1.54 ..... c 05 N87-14314 *
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US-PATENT-CLASS-89-1.7 ..... c 03 N71-12259 *
US-PATENT-CLASS-89-1.801 ..... c 20 N76-22296 *
US-PATENT-CLASS-89-1.806 ..... c 15 N71-24043 *
US-PATENT-CLASS-89-1.811 ..... c 15 N72-17455 *
US-PATENT-CLASS-89-1B ..... c 01 N83-35992 *
US-PATENT-CLASS-89-1 ..... c 03 N70-34667 *
US-PATENT-CLASS-89-1 ..... c 15 N71-16078 *
US-PATENT-CLASS-89-36.02 ..... c 24 N90-21822 *
US-PATENT-CLASS-89-36.02 ..... c 18 N92-15114 *
US-PATENT-CLASS-89-36.11 ..... c 18 N92-15114 *
US-PATENT-CLASS-89-8 ..... c 11 N71-18578 *
US-PATENT-CLASS-89-8 ..... c 11 N73-32152 *

US-PATENT-CLASS-89-8 ..... c 75 N76-14931 *
US-PATENT-CLASS-89-8 ..... c 75 N76-17951 *
US-PATENT-CLASS-89-8 ..... c 09 N79-21084 *
US-PATENT-CLASS-89-8 ..... c 14 N92-15081 *
US-PATENT-CLASS-9-11A ..... c 02 N73-26006 *
US-PATENT-CLASS-9-11A ..... c 54 N74-14845 *
US-PATENT-CLASS-9-11 ..... c 05 N70-34857 *
US-PATENT-CLASS-9-2A ..... c 02 N73-26006 *
US-PATENT-CLASS-9-312 ..... c 05 N71-22748 *
US-PATENT-CLASS-9-316 ..... c 05 N70-36493 *
US-PATENT-CLASS-9-3 ..... c 02 N73-26006 *
US-PATENT-CLASS-9-8 ..... c 03 N70-36778 *
US-PATENT-CLASS-9-9 ..... c 15 N71-24600 *
US-PATENT-CLASS-90-11 ..... c 15 N71-33518 *
US-PATENT-CLASS-90-12.5 ..... c 37 N74-25968 *
US-PATENT-CLASS-90-12 ..... c 15 N71-22799 *
US-PATENT-CLASS-901-19 ..... c 33 N91-31528 *
US-PATENT-CLASS-901-1 ..... c 18 N88-23828 *
US-PATENT-CLASS-901-1 ..... c 54 N92-29129 *
US-PATENT-CLASS-901-23 ..... c 37 N92-33634 *
US-PATENT-CLASS-901-25 ..... c 37 N86-20789 *
US-PATENT-CLASS-901-28 ..... c 37 N91-17388 *
US-PATENT-CLASS-901-28 ..... c 37 N92-33634 *
US-PATENT-CLASS-901-30 ..... c 37 N91-31656 *
US-PATENT-CLASS-901-30 ..... c 37 N92-28727 *
US-PATENT-CLASS-901-31 ..... c 37 N86-19603 *
US-PATENT-CLASS-901-31 ..... c 37 N86-20789 *
US-PATENT-CLASS-901-33 ..... c 18 N88-23828 *
US-PATENT-CLASS-901-33 ..... c 37 N91-21542 *
US-PATENT-CLASS-901-37 ..... c 37 N91-21542 *
US-PATENT-CLASS-901-38 ..... c 37 N90-20408 *
US-PATENT-CLASS-901-38 ..... c 37 N91-14615 *
US-PATENT-CLASS-901-39 ..... c 37 N90-20408 *
US-PATENT-CLASS-901-39 ..... c 37 N91-14615 *
US-PATENT-CLASS-901-39 ..... c 37 N92-29138 *
US-PATENT-CLASS-901-40 ..... c 37 N92-33018 *
US-PATENT-CLASS-901-42 ..... c 37 N86-21850 *
US-PATENT-CLASS-901-46 ..... c 37 N92-28727 *
US-PATENT-CLASS-901-47 ..... c 37 N86-21850 *
US-PATENT-CLASS-901-47 ..... c 37 N91-21542 *
US-PATENT-CLASS-901-47 ..... c 63 N92-33019 *
US-PATENT-CLASS-901-50 ..... c 37 N86-19603 *
US-PATENT-CLASS-901-6 ..... c 37 N92-22036 *
US-PATENT-CLASS-901-9 ..... c 37 N91-21544 *
US-PATENT-CLASS-901-9 ..... c 37 N92-33634 *
US-PATENT-CLASS-91-186 ..... c 05 N73-32014 *
US-PATENT-CLASS-91-325 ..... c 37 N81-32510 *
US-PATENT-CLASS-91-341R ..... c 37 N81-32510 *
US-PATENT-CLASS-91-361 ..... c 15 N71-27754 *
US-PATENT-CLASS-91-363A ..... c 15 N73-13466 *
US-PATENT-CLASS-91-390 ..... c 15 N71-27147 *
US-PATENT-CLASS-91-390 ..... c 15 N71-27754 *
US-PATENT-CLASS-91-410 ..... c 37 N81-32510 *
US-PATENT-CLASS-91-448 ..... c 15 N71-27754 *
US-PATENT-CLASS-91-448 ..... c 15 N73-13466 *
US-PATENT-CLASS-91-461 ..... c 15 N71-27147 *
US-PATENT-CLASS-92-103F ..... c 35 N91-21494 *
US-PATENT-CLASS-92-103SD .... c 35 N91-21494 *
US-PATENT-CLASS-92-130R ..... c 37 N81-33483 *
US-PATENT-CLASS-92-176 ..... c 37 N88-23981 *
US-PATENT-CLASS-92-208 ..... c 24 N87-27742 * #
US-PATENT-CLASS-92-212 ..... c 37 N88-23981 *
US-PATENT-CLASS-92-212 ..... c 37 N90-22042 *
US-PATENT-CLASS-92-213 ..... c 37 N90-22042 *
US-PATENT-CLASS-92-214 ..... c 37 N88-23981 *
US-PATENT-CLASS-92-222 ..... c 37 N88-23981 *
US-PATENT-CLASS-92-222 ..... c 37 N90-22042 *
US-PATENT-CLASS-92-224 ..... c 37 N88-23981 *
US-PATENT-CLASS-92-248 ..... c 37 N90-22042 *
US-PATENT-CLASS-92-37 ..... c 37 N82-24493 *
US-PATENT-CLASS-92-49 ..... c 14 N73-13418 *
US-PATENT-CLASS-92-94 ..... c 32 N70-41370 *
US-PATENT-CLASS-92-98R ..... c 31 N85-21404 *
US-PATENT-CLASS-93-1 ..... c 15 N70-33180 *
US-PATENT-CLASS-94.9N ..... c 27 N81-15104 *
US-PATENT-CLASS-95-1.1 ..... c 14 N72-18411 *
US-PATENT-CLASS-95-1.1 ..... c 14 N73-26431 *
US-PATENT-CLASS-95-11.5R ..... c 14 N73-19419 *
US-PATENT-CLASS-95-11.5 ..... c 14 N73-32319 *
US-PATENT-CLASS-95-11R ..... c 14 N73-19419 *
US-PATENT-CLASS-95-11 ..... c 14 N71-18465 *
US-PATENT-CLASS-95-11 ..... c 16 N71-33410 *
US-PATENT-CLASS-95-11 ..... c 14 N73-32319 *
US-PATENT-CLASS-95-12.5 ..... c 31 N72-25842 *
US-PATENT-CLASS-95-12.5 ..... c 14 N73-14427 *
US-PATENT-CLASS-95-12 ..... c 14 N73-33361 *
US-PATENT-CLASS-95-18 ..... c 14 N72-20380 *
US-PATENT-CLASS-95-42 ..... c 14 N73-32322 *
US-PATENT-CLASS-95-44 ..... c 14 N71-26474 *
US-PATENT-CLASS-95-53EA ..... c 33 N74-20861 *
US-PATENT-CLASS-95-53 ..... c 15 N71-21060 *
US-PATENT-CLASS-95-58 ..... c 14 N70-40273 *
US-PATENT-CLASS-95-59 ..... c 14 N73-14427 *
US-PATENT-CLASS-95-89R ..... c 35 N74-15831 *
US-PATENT-CLASS-96-27R ..... c 35 N79-10389 *
US-PATENT-CLASS-96-36.2 ..... c 06 N72-21094 *
US-PATENT-CLASS-96-36.2 ..... c 15 N72-25452 *
US-PATENT-CLASS-96-38.3 ..... c 35 N74-26946 *
US-PATENT-CLASS-96-49 ..... c 14 N71-17574 *
US-PATENT-CLASS-96-60R ..... c 35 N79-10389 *
US-PATENT-CLASS-96-79 ..... c 35 N74-26946 *
US-PATENT-CLASS-96-87A ..... c 27 N78-14164 *
US-PATENT-CLASS-96-90PC ..... c 14 N72-22443 *
US-PATENT-CLASS-98-1.5 ..... c 44 N78-32539 *
US-PATENT-CLASS-98-1 ..... c 54 N78-17679 *
US-PATENT-CLASS-98-39 ..... c 31 N74-27902 *
US-PATENT-CLASS-99-80PS ..... c 05 N72-33096 *

US-PATENT-DES-228,688 ..... c 05 N74-10907 *

US-PATENT-RE-26,548 ..... c 07 N71-12389 *
US-PATENT-RE-28,921 ..... c 52 N76-30793 *

US-PATENT-2,837,706 ..... c 15 N71-28952 *
US-PATENT-2,898,889 ..... c 02 N71-29128 *
US-PATENT-2,903,307 ..... c 15 N71-29136 *
US-PATENT-2,926,123 ..... c 33 N71-29151 *
US-PATENT-2,934,331 ..... c 15 N70-33382 *
US-PATENT-2,940,259 ..... c 28 N70-33241 *
US-PATENT-2,944,316 ..... c 15 N71-16076 *
US-PATENT-2,945,667 ..... c 15 N70-33376 *
US-PATENT-2,956,772 ..... c 33 N71-29152 *
US-PATENT-2,960,002 ..... c 14 N70-41946 *
US-PATENT-2,971,837 ..... c 17 N70-33283 *
US-PATENT-2,974,925 ..... c 28 N70-33372 *
US-PATENT-2,984,735 ..... c 11 N70-33329 *
US-PATENT-2,991,671 ..... c 15 N70-33330 *
US-PATENT-2,991,961 ..... c 02 N70-33332 *
US-PATENT-2,996,212 ..... c 31 N71-17680 *
US-PATENT-2,997,274 ..... c 28 N71-29154 *
US-PATENT-3,001,363 ..... c 28 N70-33331 *
US-PATENT-3,001,395 ..... c 14 N70-33386 *
US-PATENT-3,001,739 ..... c 03 N70-33343 *
US-PATENT-3,004,189 ..... c 37 N75-29426 *
US-PATENT-3,004,735 ..... c 14 N70-33322 *
US-PATENT-3,005,081 ..... c 09 N70-33312 *
US-PATENT-3,005,339 ..... c 11 N70-33287 *
US-PATENT-3,008,229 ..... c 15 N70-33311 *
US-PATENT-3,010,372 ..... c 15 N70-33180 *
US-PATENT-3,011,760 ..... c 15 N70-33226 *
US-PATENT-3,012,400 ..... c 28 N70-33374 *
US-PATENT-3,012,407 ..... c 15 N70-33323 *
US-PATENT-3,016,693 ..... c 28 N70-33356 *
US-PATENT-3,016,863 ..... c 12 N70-33305 *
US-PATENT-3,022,672 ..... c 14 N70-34816 *
US-PATENT-3,024,659 ..... c 14 N70-34820 *
US-PATENT-3,028,122 ..... c 02 N70-33286 *
US-PATENT-3,028,126 ..... c 21 N70-33279 *
US-PATENT-3,028,128 ..... c 31 N70-33242 *
US-PATENT-3,035,333 ..... c 28 N70-41818 *
US-PATENT-3,038,077 ..... c 21 N70-33181 *
US-PATENT-3,038,175 ..... c 05 N70-33285 *
US-PATENT-3,041,587 ..... c 14 N70-33179 *
US-PATENT-3,041,924 ..... c 14 N70-33254 *
US-PATENT-3,045,424 ..... c 28 N70-40367 *
US-PATENT-3,049,876 ..... c 28 N70-33284 *
US-PATENT-3,053,484 ..... c 02 N70-33255 *
US-PATENT-3,057,597 ..... c 15 N70-33264 *
US-PATENT-3,059,220 ..... c 09 N70-33182 *
US-PATENT-3,063,291 ..... c 11 N70-33278 *
US-PATENT-3,064,928 ..... c 02 N70-33266 *
US-PATENT-3,067,573 ..... c 28 N70-39899 *
US-PATENT-3,068,658 ..... c 15 N70-34247 *
US-PATENT-3,069,123 ..... c 14 N70-39898 *
US-PATENT-3,070,330 ..... c 21 N70-34539 *
US-PATENT-3,070,349 ..... c 28 N70-39895 *
US-PATENT-3,070,407 ..... c 15 N70-39896 *
US-PATENT-3,072,574 ..... c 18 N70-39897 *
US-PATENT-3,076,065 ..... c 09 N70-39915 *
US-PATENT-3,077,599 ..... c 07 N70-40202 *
US-PATENT-3,079,113 ..... c 02 N70-38009 *
US-PATENT-3,080,711 ..... c 28 N70-38711 *
US-PATENT-3,083,611 ..... c 21 N70-35427 *
US-PATENT-3,084,421 ..... c 17 N70-38490 *
US-PATENT-3,085,165 ..... c 09 N70-34819 *
US-PATENT-3,087,692 ..... c 02 N70-34178 *
US-PATENT-3,088.441 ..... c 15 N70-35409 *
US-PATENT-3,090,212 ..... c 33 N70-37979 *
US-PATENT-3,090,580 ..... c 31 N70-37924 *
US-PATENT-3,093,000 ..... c 15 N70-37925 *
US-PATENT-3,093,346 ..... c 31 N70-37938 *
US-PATENT-3,098,630 ..... c 02 N70-37939 *
US-PATENT-3,100,294 ..... c 09 N70-38998 *
US-PATENT-3,100,990 ..... c 14 N70-34813 *
US-PATENT-3,102,948 ..... c 15 N70-34814 *
US-PATENT-3,104,079 ..... c 31 N70-37986 *
US-PATENT-3,104,082 ..... c 02 N70-38011 *
US-PATENT-3,105,515 ..... c 15 N70-38603 *
US-PATENT-3,106,603 ..... c 09 N70-38201 *
US-PATENT-3,108,171 ..... c 33 N70-34812 *
US-PATENT-3,110,318 ..... c 12 N70-38997 *
US-PATENT-3,112,672 ..... c 11 N70-38202 *
US-PATENT-3,115,630 ..... c 31 N70-37981 *
US-PATENT-3,118,100 ..... c 03 N71-29129 *
US-PATENT-3,119,086 ..... c 35 N79-33449 *
US-PATENT-3,119,232 ..... c 28 N70-37980 *
US-PATENT-3,120,101 ..... c 28 N70-34860 *
US-PATENT-3,120,361 ..... c 31 N70-38010 *
US-PATENT-3,120,738 ..... c 28 N70-38249 *
US-PATENT-3,121,309 ..... c 28 N70-35381 *
US-PATENT-3,122,000 ..... c 15 N70-38020 *
US-PATENT-3,122,098 ..... c 28 N70-38181 *
US-PATENT-3,122,885 ..... c 28 N70-38710 *
US-PATENT-3,123,248 ..... c 11 N70-38182 *
US-PATENT-3,123,418 ..... c 37 N79-33467 *
US-PATENT-3,123,692 ..... c 33 N79-33393 *
US-PATENT-3,127,157 ..... c 15 N70-38225 *
US-PATENT-3,128,389 ..... c 09 N70-38604 *
US-PATENT-3,128,845 ..... c 15 N70-38601 *
US-PATENT-3,130,940 ..... c 33 N70-33344 *
US-PATENT-3,131,040 ..... c 37 N79-21345 *
US-PATENT-3,132,342 ..... c 07 N70-38200 *
US-PATENT-3,132,476 ..... c 28 N70-34294 *
US-PATENT-3,132,479 ..... c 15 N71-28951 *
US-PATENT-3,132,903 ..... c 15 N70-38620 *
US-PATENT-3,134,389 ..... c 37 N79-33468 *
US-PATENT-3,135,089 ..... c 28 N70-38504 *
US-PATENT-3,135,090 ..... c 28 N70-38505 *
US-PATENT-3,136,123 ..... c 28 N70-38199 *
US-PATENT-3,138,837 ..... c 17 N70-38198 *
US-PATENT-3,139,725 ..... c 28 N70-38645 *
US-PATENT-3,140,728 ..... c 15 N70-36908 *
US-PATENT-3,141,340 ..... c 11 N70-38196 *
US-PATENT-3,141,769 ..... c 28 N70-38197 *
US-PATENT-3,141,932 ..... c 03 N70-38713 *
US-PATENT-3,143,321 ..... c 15 N70-34850 *
US-PATENT-3,143,651 ..... c 14 N70-40240 *
US-PATENT-3,144,219 ..... c 31 N70-38676 *
US-PATENT-3,144,999 ..... c 02 N70-34856 *
US-PATENT-3,145,874 ..... c 11 N71-15960 *
US-PATENT-3,147,422 ..... c 09 N70-38712 *
US-PATENT-3,149,897 ..... c 09 N70-36494 *
US-PATENT-3,150,329 ..... c 09 N70-38995 *
US-PATENT-3,150,387 ..... c 03 N70-36778 *
US-PATENT-3,152,344 ..... c 05 N70-36493 *
US-PATENT-3,155,992 ..... c 05 N70-34857 *
US-PATENT-3,156,090 ..... c 28 N70-37245 *
US-PATENT-3,157,529 ..... c 18 N70-36400 *
US-PATENT-3,158,172 ..... c 15 N70-34817 *
US-PATENT-3,158,336 ..... c 31 N70-36410 *
US-PATENT-3,158,764 ..... c 03 N70-36803 *
US-PATENT-3,159,967 ..... c 28 N70-36802 *
US-PATENT-3,160,825 ..... c 14 N70-35220 *
US-PATENT-3,160,950 ..... c 15 N70-36409 *
US-PATENT-3,162,012 ..... c 15 N70-36411 *
US-PATENT-3,163,935 ..... c 14 N70-36907 *
US-PATENT-3,164,222 ..... c 15 N70-34861 *
US-PATENT-3,164,369 ..... c 15 N70-36412 *
US-PATENT-3,165,356 ..... c 05 N70-35152 *
US-PATENT-3,166,834 ..... c 15 N70-36901 *
US-PATENT-3,167,426 ..... c 17 N70-36616 *
US-PATENT-3,168,827 ..... c 14 N70-36807 *
US-PATENT-3,169,001 ..... c 02 N70-36825 *
US-PATENT-3,169,613 ..... c 15 N70-36947 *
US-PATENT-3,169,725 ..... c 31 N70-34296 *
US-PATENT-3,170,286 ..... c 15 N70-36535 *
US-PATENT-3,170,290 ..... c 28 N70-36910 *
US-PATENT-3,170,295 ..... c 27 N71-28929 *
US-PATENT-3,170,324 ..... c 14 N70-36824 *
US-PATENT-3,170,471 ..... c 32 N70-36536 *
US-PATENT-3,170,486 ..... c 15 N70-36492 *
US-PATENT-3,170,605 ..... c 15 N70-38996 *
US-PATENT-3,170,657 ..... c 02 N70-34858 *
US-PATENT-3,170,660 ..... c 02 N70-36804 *
US-PATENT-3,170,773 ..... c 17 N70-33288 *
US-PATENT-3,171,060 ..... c 25 N70-33267 *
US-PATENT-3,171,081 ..... c 14 N70-35666 *
US-PATENT-3,172,097 ..... c 08 N70-35423 *
US-PATENT-3,173,246 ..... c 28 N70-33265 *
US-PATENT-3,173,251 ..... c 28 N70-33375 *
US-PATENT-3,173,801 ..... c 32 N79-19186 *
US-PATENT-3,174,278 ..... c 25 N70-36946 *
US-PATENT-3,174,279 ..... c 28 N70-36806 *
US-PATENT-3,174,827 ..... c 26 N70-36805 *
US-PATENT-3,175,789 ..... c 31 N70-36654 *
US-PATENT-3,176,222 ..... c 14 N70-36618 *
US-PATENT-3,176,499 ..... c 14 N70-35368 *
US-PATENT-3,176,933 ..... c 33 N70-36617 *
US-PATENT-3,177,933 ..... c 33 N70-36847 *
US-PATENT-3,178,883 ..... c 21 N70-36938 *
US-PATENT-3,180,264 ..... c 33 N70-36846 *
US-PATENT-3,180,587 ..... c 21 N70-36943 *
US-PATENT-3,181,821 ..... c 31 N70-36845 *
US-PATENT-3,182,496 ..... c 11 N70-36913 *
US-PATENT-3,183,506 ..... c 07 N70-36911 *
US-PATENT-3,185,023 ..... c 14 N70-34298 *
US-PATENT-3,187,583 ..... c 11 N70-38675 *
US-PATENT-3,188,472 ..... c 21 N70-34297 *

US-PATENT-3,188,844 ..... c 15 N70-34249 *
US-PATENT-3,189,299 ..... c 21 N70-34295 *
US-PATENT-3,189,535 ..... c 15 N70-34967 *
US-PATENT-3,189,726 ..... c 33 N70-34545 *
US-PATENT-3,189,784 ..... c 33 N75-27250 *
US-PATENT-3,189,794 ..... c 09 N70-34502 *
US-PATENT-3,189,864 ..... c 09 N70-34596 *
US-PATENT-3,190,124 ..... c 35 N79-33450 *
US-PATENT-3,191,316 ..... c 31 N70-34966 *
US-PATENT-3,191,379 ..... c 27 N70-35534 *
US-PATENT-3,191,907 ..... c 15 N70-34859 *
US-PATENT-3,192,730 ..... c 06 N70-34946 *
US-PATENT-3,193,883 ..... c 27 N70-34783 *
US-PATENT-3,194,060 ..... c 14 N70-34794 *
US-PATENT-3,194,525 ..... c 11 N70-35383 *
US-PATENT-3,194,951 ..... c 08 N70-34778 *
US-PATENT-3,196,261 ..... c 08 N70-34787 *
US-PATENT-3,196,362 ..... c 09 N70-35440 *
US-PATENT-3,196,557 ..... c 11 N70-34815 *
US-PATENT-3,196,558 ..... c 14 N70-35394 *
US-PATENT-3,196,598 ..... c 28 N70-34788 *
US-PATENT-3,196,675 ..... c 14 N70-34818 *
US-PATENT-3,196,690 ..... c 11 N70-34786 *
US-PATENT-3,197,616 ..... c 14 N71-28958 *
US-PATENT-3,198,955 ..... c 08 N70-34743 *
US-PATENT-3,198,994 ..... c 26 N73-28710 *
US-PATENT-3,199,340 ..... c 14 N70-34799 *
US-PATENT-3,199,343 ..... c 11 N70-34844 *
US-PATENT-3,199,931 ..... c 15 N70-34664 *
US-PATENT-3,200,706 ..... c 03 N70-34667 *
US-PATENT-3,201,560 ..... c 33 N70-34540 *
US-PATENT-3,201,635 ..... c 25 N70-34661 *
US-PATENT-3,201,980 ..... c 14 N70-40203 *
US-PATENT-3,202,381 ..... c 31 N70-34176 *
US-PATENT-3,202,398 ..... c 28 N71-28928 *
US-PATENT-3,202,844 ..... c 03 N70-34134 *
US-PATENT-3,202,915 ..... c 14 N70-38602 *
US-PATENT-3,202,998 ..... c 31 N70-34135 *
US-PATENT-3,204,447 ..... c 14 N70-34156 *
US-PATENT-3,204,889 ..... c 03 N70-34157 *
US-PATENT-3,205,361 ..... c 14 N70-34158 *
US-PATENT-3,205,362 ..... c 21 N70-35089 *
US-PATENT-3,205,381 ..... c 03 N70-35408 *
US-PATENT-3,206,141 ..... c 21 N70-35395 *
US-PATENT-3,206,897 ..... c 18 N75-27040 *
US-PATENT-3,208,215 ..... c 28 N70-34162 *
US-PATENT-3,208,272 ..... c 14 N70-34161 *
US-PATENT-3,208,694 ..... c 02 N70-34160 *
US-PATENT-3,208,707 ..... c 31 N70-34159 *
US-PATENT-3,209,360 ..... c 09 N70-35219 *
US-PATENT-3,209,361 ..... c 09 N70-35425 *
US-PATENT-3,210,927 ..... c 28 N70-34175 *
US-PATENT-3,211,169 ..... c 15 N70-35087 *
US-PATENT-3,211,414 ..... c 15 N70-35407 *
US-PATENT-3,212,096 ..... c 09 N70-35382 *
US-PATENT-3,212,259 ..... c 28 N71-29153 *
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US-PATENT-3,215,313 ..... c 31 N79-21225 *
US-PATENT-3,215,572 ..... c 12 N70-40124 *
US-PATENT-3,216,007 ..... c 08 N70-40125 *
US-PATENT-3,217,624 ..... c 14 N70-40273 *
US-PATENT-3,218,479 ..... c 09 N70-40272 *
US-PATENT-3,218,547 ..... c 09 N70-40123 *
US-PATENT-3,218,850 ..... c 14 N70-40400 *
US-PATENT-3,219,250 ..... c 15 N70-40204 *
US-PATENT-3,219,365 ..... c 15 N71-28937 *
US-PATENT-3,219,997 ..... c 08 N73-28045 *
US-PATENT-3,220,004 ..... c 30 N70-40309 *
US-PATENT-3,221,547 ..... c 14 N70-40201 *
US-PATENT-3,221,549 ..... c 14 N70-40157 *
US-PATENT-3,223,374 ..... c 15 N70-40156 *
US-PATENT-3,224,001 ..... c 07 N70-40063 *
US-PATENT-3,224,173 ..... c 15 N70-40062 *
US-PATENT-3,224,263 ..... c 15 N70-40180 *
US-PATENT-3,224,336 ..... c 30 N70-40353 *
US-PATENT-3,224,337 ..... c 09 N79-21084 *
US-PATENT-3,228,492 ..... c 15 N70-40354 *
US-PATENT-3,228,558 ..... c 14 N70-40233 *
US-PATENT-3,229,099 ..... c 14 N70-40238 *
US-PATENT-3,229,102 ..... c 14 N70-40239 *
US-PATENT-3,229,139 ..... c 28 N70-39925 *
US-PATENT-3,229,155 ..... c 25 N70-41628 *
US-PATENT-3,229,463 ..... c 28 N70-39931 *
US-PATENT-3,229,568 ..... c 14 N70-40003 *
US-PATENT-3,229,636 ..... c 03 N70-39930 *
US-PATENT-3,229,682 ..... c 09 N70-40234 *
US-PATENT-3,229,689 ..... c 05 N70-39922 *
US-PATENT-3,229,884 ..... c 15 N70-39924 *
US-PATENT-3,229,905 ..... c 04 N78-17031 *
US-PATENT-3,229,930 ..... c 30 N70-40016 *
US-PATENT-3,230,053 ..... c 26 N70-40015 *
US-PATENT-3,233,862 ..... c 37 N79-33469 *
US-PATENT-3,236,066 ..... c 15 N71-28959 *
US-PATENT-3,237,253 ..... c 15 N71-15966 *
US-PATENT-3,238,345 ..... c 11 N71-15925 *
US-PATENT-3,238,413 ..... c 25 N71-29184 *
US-PATENT-3,238,715 ..... c 28 N71-14043 *
US-PATENT-3,238,730 ..... c 03 N71-12260 *
US-PATENT-3,238,774 ..... c 14 N71-14996 *
US-PATENT-3,238,777 ..... c 14 N71-15598 *
US-PATENT-3,239,660 ..... c 23 N71-30292 *
US-PATENT-3,242,716 ..... c 14 N71-15992 *
US-PATENT-3,243,154 ..... c 23 N71-15673 *
US-PATENT-3,243,791 ..... c 07 N71-11298 *
US-PATENT-3,244,943 ..... c 15 N73-28516 *
US-PATENT-3,249,012 ..... c 03 N71-12258 *
US-PATENT-3,249,013 ..... c 03 N71-12259 *
US-PATENT-3,251,053 ..... c 08 N71-12501 *
US-PATENT-3,252,100 ..... c 10 N71-28960 *
US-PATENT-3,254,395 ..... c 28 N71-15658 *
US-PATENT-3,254,487 ..... c 28 N71-15659 *
US-PATENT-3,257,780 ..... c 15 N71-15968 *
US-PATENT-3,258,582 ..... c 02 N71-13421 *
US-PATENT-3,258,687 ..... c 14 N71-15962 *
US-PATENT-3,258,831 ..... c 15 N71-15986 *
US-PATENT-3,258,912 ..... c 27 N71-15634 *
US-PATENT-3,258,918 ..... c 27 N71-15635 *
US-PATENT-3,260,055 ..... c 23 N71-15467 *
US-PATENT-3,260,204 ..... c 31 N71-15692 *
US-PATENT-3,260,326 ..... c 11 N71-28779 *
US-PATENT-3,261,210 ..... c 14 N71-15969 *
US-PATENT-3,262,025 ..... c 15 N73-32361 *
US-PATENT-3,262,186 ..... c 15 N71-16052 *
US-PATENT-3,262,262 ..... c 28 N71-15661 *
US-PATENT-3,262,351 ..... c 15 N71-15922 *
US-PATENT-3,262,365 ..... c 31 N71-15675 *
US-PATENT-3,262,395 ..... c 15 N71-30028 *
US-PATENT-3,262,518 ..... c 05 N71-11199 *
US-PATENT-3,262,655 ..... c 31 N71-15663 *
US-PATENT-3,262,694 ..... c 44 N79-19447 *
US-PATENT-3,263,016 ..... c 33 N71-15625 *
US-PATENT-3,263,171 ..... c 09 N71-13530 *
US-PATENT-3,263,610 ..... c 15 N71-13789 *
US-PATENT-3,264,135 ..... c 15 N71-16075 *
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US-PATENT-3,270,499 ..... c 28 N71-15660 *
US-PATENT-3,270,501 ..... c 31 N71-15647 *
US-PATENT-3,270,503 ..... c 33 N71-15623 *
US-PATENT-3,270,504 ..... c 31 N71-15637 *
US-PATENT-3,270,505 ..... c 21 N71-15582 *
US-PATENT-3,270,512 ..... c 15 N71-15906 *
US-PATENT-3,270,565 ..... c 14 N71-30265 *
US-PATENT-3,270,756 ..... c 15 N71-15967 *
US-PATENT-3,270,802 ..... c 33 N71-24876 *
US-PATENT-3,270,835 ..... c 28 N70-41582 *
US-PATENT-3,270,908 ..... c 31 N71-15664 *
US-PATENT-3,270,985 ..... c 21 N71-15583 *
US-PATENT-3,270,986 ..... c 05 N71-12336 *
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US-PATENT-3,270,989 ..... c 02 N71-11041 * #
US-PATENT-3,270,990 ..... c 28 N71-15563 *
US-PATENT-3,271,140 ..... c 17 N71-15644 *
US-PATENT-3,271,181 ..... c 15 N71-16077 *
US-PATENT-3,271,532 ..... c 09 N71-16089 *
US-PATENT-3,271,558 ..... c 15 N71-15871 *
US-PATENT-3,271,594 ..... c 10 N71-28739 *
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US-PATENT-3,271,637 ..... c 26 N71-18064 *
US-PATENT-3,271,649 ..... c 10 N71-16030 *
US-PATENT-3,273,094 ..... c 23 N71-29049 *
US-PATENT-3,273,355 ..... c 33 N71-17897 *
US-PATENT-3,273,381 ..... c 32 N71-17645 *
US-PATENT-3,273,388 ..... c 09 N71-16086 *
US-PATENT-3,273,392 ..... c 23 N71-17802 *
US-PATENT-3,273,399 ..... c 12 N71-24692 *
US-PATENT-3,274,304 ..... c 26 N71-17818 *
US-PATENT-3,275,794 ..... c 37 N75-27376 *
US-PATENT-3,276,251 ..... c 11 N71-15926 *
US-PATENT-3,276,376 ..... c 31 N71-17629 *
US-PATENT-3,276,602 ..... c 32 N71-17609 *
US-PATENT-3,276,679 ..... c 15 N71-16079 *
US-PATENT-3,276,722 ..... c 02 N71-16087 *
US-PATENT-3,276,726 ..... c 31 N71-16081 *
US-PATENT-3,276,865 ..... c 17 N71-16025 *
US-PATENT-3,276,866 ..... c 17 N71-16026 *
US-PATENT-3,276,946 ..... c 23 N71-15978 *
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US-PATENT-3,277,366 ..... c 10 N71-16057 *
US-PATENT-3,277,373 ..... c 07 N71-16088 *
US-PATENT-3,277,375 ..... c 07 N71-11284 *
US-PATENT-3,277,458 ..... c 10 N71-16058 *
US-PATENT-3,277,486 ..... c 31 N71-10747 *
US-PATENT-3,279,193 ..... c 33 N71-28852 *
US-PATENT-3,281,558 ..... c 33 N75-27249 *
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US-PATENT-3,281,964 ..... c 11 N71-10776 *
US-PATENT-3,281,965 ..... c 11 N71-10748 *
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US-PATENT-3,282,091 ..... c 14 N71-10781 *
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US-PATENT-3,282,541 ..... c 31 N71-24750 *
US-PATENT-3,282,739 ..... c 03 N71-11053 *
US-PATENT-3,282,740 ..... c 03 N71-11051 *
US-PATENT-3,283,088 ..... c 10 N71-15909 *
US-PATENT-3,283,175 ..... c 10 N71-15910 *
US-PATENT-3,283,241 ..... c 14 N71-16014 *
US-PATENT-3,286,274 ..... c 05 N71-12335 *
US-PATENT-3,286,531 ..... c 30 N71-17788 *
US-PATENT-3,286,629 ..... c 31 N71-17730 *
US-PATENT-3,286,630 ..... c 31 N71-10582 *
US-PATENT-3,286,882 ..... c 27 N71-29155 *
US-PATENT-3,286,953 ..... c 21 N70-41856 *
US-PATENT-3,286,957 ..... c 02 N70-41863 *
US-PATENT-3,287,031 ..... c 15 N70-41808 *
US-PATENT-3,287,174 ..... c 03 N70-41864 *
US-PATENT-3,287,496 ..... c 14 N70-41807 *
US-PATENT-3,287,582 ..... c 28 N70-41576 *
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US-PATENT-3,287,660 ..... c 16 N70-41578 *
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US-PATENT-3,289,205 ..... c 07 N70-41678 *
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US-PATENT-3,295,377 ..... c 14 N70-41682 *
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US-PATENT-3,295,512 ..... c 03 N70-41580 *
US-PATENT-3,295,545 ..... c 15 N70-41646 *
US-PATENT-3,295,556 ..... c 32 N70-41579 *
US-PATENT-3,295,594 ..... c 54 N82-29002 *
US-PATENT-3,295,684 ..... c 28 N70-41447 *
US-PATENT-3,295,699 ..... c 32 N70-41367 *
US-PATENT-3,295,782 ..... c 14 N70-41647 *
US-PATENT-3,295,790 ..... c 31 N70-41588 *
US-PATENT-3,295,798 ..... c 02 N70-41589 *
US-PATENT-3,295,808 ..... c 15 N70-41310 *
US-PATENT-3,296,060 ..... c 18 N70-41583 *
US-PATENT-3,296,526 ..... c 14 N70-41332 *
US-PATENT-3,296,531 ..... c 07 N70-41331 *
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US-PATENT-3,298,182 ..... c 28 N70-41311 *
US-PATENT-3,298,221 ..... c 14 N70-41330 *
US-PATENT-3,298,285 ..... c 32 N70-41370 *
US-PATENT-3,298,362 ..... c 05 N70-41329 *
US-PATENT-3,298,582 ..... c 14 N71-28935 *
US-PATENT-3,299,364 ..... c 16 N71-15550 *
US-PATENT-3,299,431 ..... c 07 N71-28979 *
US-PATENT-3,299,913 ..... c 15 N71-15918 *
US-PATENT-3,300,162 ..... c 31 N70-41373 *
US-PATENT-3,300,731 ..... c 07 N70-41372 *
US-PATENT-3,300,847 ..... c 15 N70-41371 *
US-PATENT-3,300,949 ..... c 05 N70-41297 *
US-PATENT-3,300,981 ..... c 28 N70-41275 *
US-PATENT-3,301,046 ..... c 14 N70-41366 *
US-PATENT-3,301,315 ..... c 09 N70-41717 *
US-PATENT-3,301,507 ..... c 31 N70-41631 *
US-PATENT-3,301,511 ..... c 02 N70-41630 *
US-PATENT-3,301,578 ..... c 15 N70-41629 *
US-PATENT-3,302,023 ..... c 14 N70-41676 *
US-PATENT-3,302,040 ..... c 09 N70-41675 *
US-PATENT-3,302,569 ..... c 15 N70-41679 *
US-PATENT-3,302,633 ..... c 05 N70-41819 *
US-PATENT-3,302,662 ..... c 15 N70-41811 *
US-PATENT-3,302,960 ..... c 15 N70-41829 *
US-PATENT-3,303,304 ..... c 14 N70-41812 *
US-PATENT-3,304,028 ..... c 31 N70-41855 *
US-PATENT-3,304,718 ..... c 28 N70-41922 *
US-PATENT-3,304,724 ..... c 31 N70-41948 *
US-PATENT-3,304,729 ..... c 31 N70-41871 *
US-PATENT-3,304,768 ..... c 32 N70-42003 *
US-PATENT-3,304,773 ..... c 14 N70-41957 *
US-PATENT-3,304,799 ..... c 03 N70-41954 *
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US-PATENT-3,305,801 ..... c 10 N70-41964 *
US-PATENT-3,305,810 ..... c 09 N70-41929 *
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US-PATENT-3,305,870 ..... c 07 N71-15907 *
US-PATENT-3,306,134 ..... c 37 N78-17385 *
US-PATENT-3,308,848 ..... c 12 N71-16031 *
US-PATENT-3,309,012 ..... c 33 N71-17610 *
US-PATENT-3,309,961 ..... c 15 N71-16078 *
US-PATENT-3,310,054 ..... c 08 N71-15908 *
US-PATENT-3,310,138 ..... c 12 N71-16894 *
US-PATENT-3,310,256 ..... c 31 N71-17679 *
US-PATENT-3,310,258 ..... c 31 N71-17691 *
US-PATENT-3,310,261 ..... c 02 N71-11038 *
US-PATENT-3,310,262 ..... c 02 N71-12243 *
US-PATENT-3,310,443 ..... c 24 N71-10560 *
US-PATENT-3,310,699 ..... c 14 N73-32324 *
US-PATENT-3,310,765 ..... c 33 N79-21264 *
US-PATENT-3,310,978 ..... c 14 N71-10616 *
US-PATENT-3,310,980 ..... c 11 N71-10604 *
US-PATENT-3,311,315 ..... c 07 N71-10609 *
US-PATENT-3,311,502 ..... c 03 N71-10608 *
US-PATENT-3,311,510 ..... c 26 N71-10607 *
US-PATENT-3,311,571 ..... c 27 N79-21190 *

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US-PATENT-3,408,870 ..... c 14 N71-23227 *
US-PATENT-3,409,247 ..... c 33 N71-28903 *
US-PATENT-3,409,252 ..... c 15 N71-23255 *
US-PATENT-3,409,554 ..... c 26 N71-23292 *
US-PATENT-3,409,730 ..... c 33 N71-24145 *
US-PATENT-3,411,356 ..... c 14 N71-23226 *
US-PATENT-3,411,900 ..... c 26 N75-27126 *
US-PATENT-3,412,559 ..... c 28 N71-23293 *
US-PATENT-3,412,598 ..... c 14 N71-23225 *
US-PATENT-3,412,729 ..... c 04 N71-23185 *
US-PATENT-3,412,961 ..... c 32 N71-23971 *
US-PATENT-3,413,115 ..... c 17 N71-23365 *
US-PATENT-3,413,393 ..... c 17 N71-29137 *
US-PATENT-3,413,510 ..... c 09 N71-23190 *
US-PATENT-3,413,536 ..... c 03 N71-24605 *
US-PATENT-3,414,012 ..... c 09 N71-23191 *
US-PATENT-3,414,358 ..... c 14 N71-23175 *
US-PATENT-3,415,032 ..... c 15 N71-23256 *
US-PATENT-3,415,069 ..... c 15 N71-24044 *
US-PATENT-3,415,116 ..... c 14 N71-23790 *
US-PATENT-3,415,126 ..... c 21 N71-23289 *
US-PATENT-3,415,156 ..... c 15 N71-24043 *
US-PATENT-3,415,643 ..... c 17 N71-23248 *
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US-PATENT-3,416,274 ..... c 31 N71-24035 *
US-PATENT-3,416,939 ..... c 18 N71-24183 *
US-PATENT-3,416,975 ..... c 17 N71-23828 *
US-PATENT-3,416,988 ..... c 15 N71-24164 *
US-PATENT-3,417,247 ..... c 14 N71-23797 *
US-PATENT-3,417,266 ..... c 09 N71-23270 *
US-PATENT-3,417,298 ..... c 10 N71-23271 *
US-PATENT-3,417,316 ..... c 14 N71-23174 *
US-PATENT-3,417,321 ..... c 09 N71-23316 *
US-PATENT-3,417,332 ..... c 07 N71-23405 *
US-PATENT-3,417,399 ..... c 30 N71-23723 *
US-PATENT-3,417,400 ..... c 07 N71-28809 *
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US-PATENT-3,419,363 ..... c 18 N71-23710 *
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US-PATENT-3,419,433 ..... c 03 N71-23187 *
US-PATENT-3,419,531 ..... c 27 N79-21191 *
US-PATENT-3,419,537 ..... c 06 N71-23500 *
US-PATENT-3,419,827 ..... c 09 N71-23548 *
US-PATENT-3,419,964 ..... c 14 N69-21363 * #
US-PATENT-3,419,992 ..... c 14 N71-23401 *
US-PATENT-3,420,069 ..... c 15 N69-21465 * #
US-PATENT-3,420,223 ..... c 05 N69-21925 * #
US-PATENT-3,420,225 ..... c 05 N69-21473 * #
US-PATENT-3,420,253 ..... c 12 N69-21466 * #
US-PATENT-3,420,338 ..... c 15 N71-26243 *
US-PATENT-3,420,471 ..... c 05 N69-21380 * #
US-PATENT-3,420,704 ..... c 15 N69-21460 * #
US-PATENT-3,420,945 ..... c 09 N69-21542 * #
US-PATENT-3,420,978 ..... c 15 N69-21471 * #
US-PATENT-3,421,004 ..... c 14 N71-19568 *
US-PATENT-3,421,053 ..... c 15 N69-21472 * #
US-PATENT-3,421,056 ..... c 14 N69-23191 * #
US-PATENT-3,421,105 ..... c 09 N69-21543 * #
US-PATENT-3,421,134 ..... c 09 N69-21470 * #
US-PATENT-3,421,331 ..... c 15 N69-23190 * #
US-PATENT-3,421,363 ..... c 11 N69-21540 * #
US-PATENT-3,421,506 ..... c 05 N69-23192 * #
US-PATENT-3,421,541 ..... c 15 N69-21924 * #
US-PATENT-3,421,549 ..... c 03 N69-21469 * #
US-PATENT-3,421,591 ..... c 14 N69-21923 * #
US-PATENT-3,421,700 ..... c 15 N69-23185 * #
US-PATENT-3,421,768 ..... c 15 N69-21362 * #
US-PATENT-3,421,864 ..... c 17 N71-23046 *
US-PATENT-3,421,948 ..... c 03 N69-21337 * #
US-PATENT-3,422,213 ..... c 03 N69-21539 * #
US-PATENT-3,422,278 ..... c 09 N69-21468 * #
US-PATENT-3,422,291 ..... c 25 N69-21929 * #
US-PATENT-3,422,324 ..... c 14 N69-21541 * #
US-PATENT-3,422,352 ..... c 14 N71-19431 *
US-PATENT-3,422,354 ..... c 09 N69-21926 * #
US-PATENT-3,422,390 ..... c 09 N69-21927 * #
US-PATENT-3,422,403 ..... c 08 N69-21928 * #
US-PATENT-3,422,440 ..... c 09 N69-21467 * #
US-PATENT-3,423,179 ..... c 15 N69-21922 * #
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US-PATENT-3,425,268 ..... c 14 N69-39975 * #
US-PATENT-3,425,272 ..... c 14 N71-20439 *
US-PATENT-3,425,276 ..... c 14 N69-24257 * #
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US-PATENT-3,426,219 ..... c 09 N69-24317 * #
US-PATENT-3,426,230 ..... c 15 N69-24319 * #
US-PATENT-3,426,263 ..... c 03 N71-19438 *
US-PATENT-3,426,272 ..... c 14 N69-39785 * #
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US-PATENT-3,427,435 ..... c 17 N69-25147 * #
US-PATENT-3,427,454 ..... c 05 N71-19440 *
US-PATENT-3,427,525 ..... c 03 N69-21330 * #
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US-PATENT-3,428,847 ..... c 15 N69-24266 * #
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US-PATENT-3,428,919 ..... c 07 N69-24334 * #
US-PATENT-3,428,923 ..... c 07 N69-27462 * #
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US-PATENT-3,429,477 ..... c 15 N69-27502 * #
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US-PATENT-3,430,115 ..... c 09 N69-24318 * #
US-PATENT-3,430,131 ..... c 24 N71-20518 *
US-PATENT-3,430,182 ..... c 14 N69-27431 * #
US-PATENT-3,430,227 ..... c 08 N71-19687 *
US-PATENT-3,430,237 ..... c 07 N69-39974 * #
US-PATENT-3,430,460 ..... c 15 N69-27505 * #
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US-PATENT-3,430,909 ..... c 11 N69-27466 * #
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US-PATENT-3,430,942 ..... c 15 N69-27504 * #
US-PATENT-3,431,149 ..... c 14 N69-27459 * #
US-PATENT-3,431,397 ..... c 15 N69-27871 * #
US-PATENT-3,431,460 ..... c 09 N71-23189 *
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US-PATENT-3,433,079 ..... c 14 N69-27503 * #
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US-PATENT-3,433,909 ..... c 10 N71-23663 *
US-PATENT-3,433,953 ..... c 14 N69-27484 * #
US-PATENT-3,433,960 ..... c 16 N69-27491 * #
US-PATENT-3,433,961 ..... c 14 N69-27432 * #
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US-PATENT-3,434,037 ..... c 10 N71-26414 *
US-PATENT-3,434,050 ..... c 09 N71-20569 *
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US-PATENT-3,437,394 ..... c 14 N69-27461 * #
US-PATENT-3,437,527 ..... c 03 N69-24267 * #
US-PATENT-3,437,560 ..... c 04 N69-27487 * #
US-PATENT-3,437,818 ..... c 03 N71-23354 *
US-PATENT-3,437,832 ..... c 09 N69-27463 * #
US-PATENT-3,437,874 ..... c 08 N71-20571 *
US-PATENT-3,437,903 ..... c 03 N69-25146 * #
US-PATENT-3,437,919 ..... c 14 N69-27423 * #
US-PATENT-3,437,935 ..... c 09 N69-24324 * #
US-PATENT-3,437,959 ..... c 07 N69-24323 * #
US-PATENT-3,438,044 ..... c 07 N69-27460 * #
US-PATENT-3,438,263 ..... c 14 N71-20435 *
US-PATENT-3,439,886 ..... c 31 N69-27499 * #
US-PATENT-3,440,419 ..... c 14 N73-28491 *
US-PATENT-3,442,674 ..... c 25 N82-29370 *
US-PATENT-3,443,128 ..... c 03 N69-39890 * #
US-PATENT-3,443,208 ..... c 14 N71-20428 *
US-PATENT-3,443,384 ..... c 28 N71-24321 *
US-PATENT-3,443,390 ..... c 11 N71-24964 *
US-PATENT-3,443,412 ..... c 15 N71-23811 *
US-PATENT-3,443,416 ..... c 06 N69-39936 * #
US-PATENT-3,443,472 ..... c 15 N71-23254 *
US-PATENT-3,443,583 ..... c 14 N71-18625 *
US-PATENT-3,443,584 ..... c 32 N71-16106 *
US-PATENT-3,443,732 ..... c 15 N71-15607 *
US-PATENT-3,443,773 ..... c 31 N71-23912 *
US-PATENT-3,443,779 ..... c 01 N69-39981 * #
US-PATENT-3,444,051 ..... c 05 N71-11207 *
US-PATENT-3,444,127 ..... c 06 N71-11237 *
US-PATENT-3,444,375 ..... c 14 N71-15599 *
US-PATENT-3,444,380 ..... c 07 N69-39980 * #
US-PATENT-3,446,075 ..... c 14 N73-30394 *
US-PATENT-3,446,387 ..... c 15 N69-39935 * #
US-PATENT-3,446,558 ..... c 16 N71-24074 *
US-PATENT-3,446,642 ..... c 18 N69-39895 * #
US-PATENT-3,446,676 ..... c 03 N71-11050 *
US-PATENT-3,446,960 ..... c 14 N69-39982 * #
US-PATENT-3,446,992 ..... c 09 N69-39987 * #
US-PATENT-3,446,997 ..... c 03 N69-39898 * #
US-PATENT-3,446,998 ..... c 09 N69-39929 * #
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US-PATENT-3,447,015 ..... c 06 N69-39889 * #
US-PATENT-3,447,071 ..... c 25 N69-39884 * #
US-PATENT-3,447,154 ..... c 21 N71-11766 *
US-PATENT-3,447,155 ..... c 09 N71-18598 *
US-PATENT-3,447,233 ..... c 15 N69-39786 * #
US-PATENT-3,447,774 ..... c 15 N71-19485 *
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US-PATENT-3,448,273 ..... c 07 N69-39736 * #
US-PATENT-3,448,290 ..... c 10 N71-23315 *
US-PATENT-3,448,341 ..... c 09 N71-12526 *
US-PATENT-3,448,346 ..... c 15 N71-18701 *
US-PATENT-3,450,842 ..... c 07 N69-39978 * #
US-PATENT-3,450,878 ..... c 14 N71-20430 *
US-PATENT-3,450,946 ..... c 09 N69-39897 * #
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US-PATENT-3,452,423 ..... c 26 N71-16037 *
US-PATENT-3,452,872 ..... c 14 N69-39896 * #
US-PATENT-3,453,172 ..... c 15 N69-39735 * #
US-PATENT-3,453,462 ..... c 03 N69-39983 * #
US-PATENT-3,453,546 ..... c 05 N71-12342 *
US-PATENT-3,453,878 ..... c 09 N79-21083 *
US-PATENT-3,454,410 ..... c 18 N69-39979 * #
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US-PATENT-3,455,171 ..... c 23 N71-16098 *
US-PATENT-3,456,112 ..... c 14 N69-39937 * #
US-PATENT-3,456,193 ..... c 08 N71-19763 *
US-PATENT-3,456,201 ..... c 09 N69-39885 * #
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US-PATENT-3,458,651 ..... c 09 N71-19449 *
US-PATENT-3,458,702 ..... c 14 N71-18699 *
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US-PATENT-3,458,833 ..... c 10 N71-19418 *
US-PATENT-3,458,851 ..... c 09 N69-39734 * #
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US-PATENT-3,460,381 ..... c 14 N71-23725 *
US-PATENT-3,460,397 ..... c 15 N71-24045 *
US-PATENT-3,460,759 ..... c 28 N71-23968 *
US-PATENT-3,460,781 ..... c 14 N71-23698 *
US-PATENT-3,460,995 ..... c 03 N71-20407 *
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US-PATENT-3,461,393 ..... c 10 N71-26415 *
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US-PATENT-3,463,001 ..... c 14 N71-20429 *
US-PATENT-3,463,563 ..... c 15 N71-23812 *
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US-PATENT-3,463,762 ..... c 06 N73-30100 *
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US-PATENT-3,464,018 ..... c 09 N71-23525 *
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US-PATENT-3,464,051 ..... c 15 N71-17685 *
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US-PATENT-3,465,584 ..... c 14 N71-23726 *
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US-PATENT-3,465,986 ..... c 31 N71-20396 *
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US-PATENT-3,466,085 ..... c 05 N71-12343 *
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US-PATENT-3,466,243 ..... c 15 N71-23810 *
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US-PATENT-3,468,548 ..... c 15 N71-26294 *
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US-PATENT-3,468,765 ..... c 17 N71-25903 *
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US-PATENT-3,469,069 ..... c 15 N71-23798 *
US-PATENT-3,469,087 ..... c 16 N71-25914 *
US-PATENT-3,469,143 ..... c 33 N75-29318 *
US-PATENT-3,469,289 ..... c 15 N71-25975 *
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US-PATENT-3,470,318 ..... c 07 N71-24612 *
US-PATENT-3,470,342 ..... c 09 N71-19610 *
US-PATENT-3,470,443 ..... c 03 N71-23239 *
US-PATENT-3,470,446 ..... c 09 N71-23188 *
US-PATENT-3,470,466 ..... c 14 N71-23699 *

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US-PATENT-3,535,696 ..... c 08 N71-12506 *
US-PATENT-3,535,702 ..... c 09 N71-12515 *
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US-PATENT-3,537,668 ..... c 05 N71-24728 *
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US-PATENT-3,540,942 ..... c 15 N71-24875 *
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US-PATENT-3,541,314 ..... c 07 N71-24741 *
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US-PATENT-3,541,422 ..... c 03 N71-24719 *
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US-PATENT-3,545,226 ..... c 23 N71-24725 *
US-PATENT-3,545,252 ..... c 11 N71-24985 *
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US-PATENT-3,667,044 ..... c 07 N72-25171 *
US-PATENT-3,668,956 ..... c 15 N72-27485 *
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US-PATENT-3,670,097 ..... c 23 N72-27728 *
US-PATENT-3,670,168 ..... c 14 N72-27409 *
US-PATENT-3,670,202 ..... c 14 N72-27411 *
US-PATENT-3,670,241 ..... c 14 N72-27408 *
US-PATENT-3,670,290 ..... c 09 N72-28225 *
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US-PATENT-3,670,563 ..... c 14 N72-27412 *
US-PATENT-3,670,564 ..... c 11 N72-27262 *
US-PATENT-3,670,890 ..... c 05 N72-27102 *
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US-PATENT-3,673,424 ..... c 09 N72-27227 *
US-PATENT-3,673,440 ..... c 09 N72-27228 *
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US-PATENT-3,675,712 ..... c 03 N72-28025 *
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US-PATENT-3,676,674 ..... c 14 N72-29464 *
US-PATENT-3,676,754 ..... c 26 N72-28761 *
US-PATENT-3,676,772 ..... c 10 N72-28240 *
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US-PATENT-3,676,809 ..... c 09 N72-29172 *
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US-PATENT-3,678,654 ..... c 06 N72-31140 *
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US-PATENT-3,678,771 ..... c 37 N74-23070 *
US-PATENT-3,679,360 ..... c 04 N72-33072 *
US-PATENT-3,679,899 ..... c 06 N72-31141 *
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US-PATENT-3,680,144 ..... c 07 N72-32169 *
US-PATENT-3,680,830 ..... c 15 N72-31483 *
US-PATENT-3,681,581 ..... c 08 N72-31226 *
US-PATENT-3,686,542 ..... c 14 N72-31446 *
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US-PATENT-3,693,346 ..... c 15 N72-33477 *
US-PATENT-3,693,418 ..... c 14 N72-33377 *
US-PATENT-3,694,041 ..... c 15 N72-33476 *
US-PATENT-3,694,094 ..... c 14 N72-32452 *
US-PATENT-3,694,313 ..... c 24 N72-33681 *
US-PATENT-3,694,581 ..... c 08 N72-33172 *
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US-PATENT-3,694,700 ..... c 09 N72-33205 *
US-PATENT-3,694,753 ..... c 07 N72-33146 *
US-PATENT-3,694,771 ..... c 09 N73-15235 *
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US-PATENT-3,696,418 ..... c 09 N73-12211 *
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US-PATENT-3,697,630 ..... c 15 N73-12489 *
US-PATENT-3,697,705 ..... c 35 N77-21392 *
US-PATENT-3,697,733 ..... c 08 N73-12176 *
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US-PATENT-3,697,968 ..... c 21 N73-13644 *
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US-PATENT-3,699,645 ..... c 14 N73-13417 *
US-PATENT-3,699,799 ..... c 15 N73-13463 *
US-PATENT-3,699,807 ..... c 14 N73-13416 *
US-PATENT-3,699,811 ..... c 14 N73-13415 *
US-PATENT-3,700,005 ..... c 15 N73-13462 *
US-PATENT-3,700,192 ..... c 31 N73-13898 *
US-PATENT-3,700,193 ..... c 30 N73-12884 *
US-PATENT-3,700,291 ..... c 15 N73-12488 *
US-PATENT-3,700,334 ..... c 14 N73-12446 *
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US-PATENT-3,700,575 ..... c 15 N73-12487 *
US-PATENT-3,700,603 ..... c 14 N73-14428 *
US-PATENT-3,700,812 ..... c 10 N73-12244 *
US-PATENT-3,700,868 ..... c 09 N73-13209 *
US-PATENT-3,700,869 ..... c 08 N73-12175 *
US-PATENT-3,700,893 ..... c 14 N73-12444 *
US-PATENT-3,700,897 ..... c 14 N73-12445 *
US-PATENT-3,700,961 ..... c 23 N73-13660 *
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US-PATENT-3,701,894 ..... c 07 N73-13149 *
US-PATENT-3,702,463 ..... c 08 N73-13187 *
US-PATENT-3,702,520 ..... c 32 N73-13921 *
US-PATENT-3,702,532 ..... c 15 N73-13467 *
US-PATENT-3,702,536 ..... c 28 N73-13773 *
US-PATENT-3,702,575 ..... c 15 N73-13466 *
US-PATENT-3,702,688 ..... c 31 N73-14854 *
US-PATENT-3,702,735 ..... c 23 N73-13661 *
US-PATENT-3,702,762 ..... c 06 N73-13129 *
US-PATENT-3,702,775 ..... c 06 N73-13128 *
US-PATENT-3,702,791 ..... c 15 N73-13465 *
US-PATENT-3,702,841 ..... c 18 N73-13562 *
US-PATENT-3,702,898 ..... c 10 N73-13235 *
US-PATENT-3,702,933 ..... c 23 N73-13662 *
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US-PATENT-3,704,659 ..... c 14 N73-14427 *
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US-PATENT-3,705,316 ..... c 09 N73-14214 *
US-PATENT-3,705,406 ..... c 07 N73-14130 *
US-PATENT-3,706,221 ..... c 14 N73-14429 *
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US-PATENT-3,706,281 ..... c 31 N73-14853 *
US-PATENT-3,706,583 ..... c 18 N73-14584 *
US-PATENT-3,706,970 ..... c 21 N73-14692 *
US-PATENT-3,708,359 ..... c 27 N73-16764 *
US-PATENT-3,708,419 ..... c 33 N73-16918 *
US-PATENT-3,708,671 ..... c 14 N73-16483 *
US-PATENT-3,708,674 ..... c 14 N73-16484 *
US-PATENT-3,709,663 ..... c 06 N73-16106 *
US-PATENT-3,710,122 ..... c 16 N73-16536 *
US-PATENT-3,710,257 ..... c 07 N73-16121 *
US-PATENT-3,710,261 ..... c 10 N73-16205 *
US-PATENT-3,710,329 ..... c 10 N73-16206 *
US-PATENT-3,711,042 ..... c 02 N73-19004 *
US-PATENT-3,711,701 ..... c 74 N77-21941 *
US-PATENT-3,712,120 ..... c 14 N73-19421 *
US-PATENT-3,712,121 ..... c 14 N73-19420 *
US-PATENT-3,712,132 ..... c 14 N73-20478 *
US-PATENT-3,712,195 ..... c 14 N73-19419 *
US-PATENT-3,712,591 ..... c 15 N73-19458 *
US-PATENT-3,713,163 ..... c 09 N73-19234 *
US-PATENT-3,713,290 ..... c 28 N73-19793 *
US-PATENT-3,713,480 ..... c 05 N73-20137 *
US-PATENT-3,713,987 ..... c 15 N73-20514 *
US-PATENT-3,714,332 ..... c 15 N73-19457 *
US-PATENT-3,714,405 ..... c 10 N73-20253 *
US-PATENT-3,714,432 ..... c 14 N73-20475 *
US-PATENT-3,714,526 ..... c 09 N73-19235 *
US-PATENT-3,714,588 ..... c 09 N73-20231 *
US-PATENT-3,714,624 ..... c 14 N73-20474 *
US-PATENT-3,714,645 ..... c 08 N73-20217 *
US-PATENT-3,714,821 ..... c 14 N73-20476 *
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US-PATENT-3,715,152 ..... c 23 N73-20741 *
US-PATENT-3,715,590 ..... c 14 N73-20477 *
US-PATENT-3,715,600 ..... c 03 N73-20040 *
US-PATENT-3,715,660 ..... c 07 N73-20175 *
US-PATENT-3,715,663 ..... c 07 N73-20174 *
US-PATENT-3,715,693 ..... c 09 N73-20232 *
US-PATENT-3,715,723 ..... c 07 N73-20176 *
US-PATENT-3,715,915 ..... c 32 N73-20740 *
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US-PATENT-3,719,891 ..... c 07 N73-25160 *
US-PATENT-3,720,075 ..... c 33 N73-25952 *
US-PATENT-3,720,208 ..... c 05 N73-25125 *
US-PATENT-3,723,745 ..... c 14 N73-25462 *
US-PATENT-3,728,861 ..... c 28 N73-24783 *
US-PATENT-3,729,068 ..... c 15 N73-25512 *
US-PATENT-3,729,129 ..... c 08 N73-25206 *
US-PATENT-3,729,260 ..... c 14 N73-25463 *
US-PATENT-3,729,343 ..... c 14 N73-24472 *
US-PATENT-3,729,676 ..... c 14 N73-24473 *
US-PATENT-3,729,736 ..... c 07 N73-25161 *
US-PATENT-3,729,743 ..... c 07 N73-24176 *
US-PATENT-3,729,935 ..... c 28 N73-24784 *
US-PATENT-3,730,287 ..... c 11 N73-26238 *
US-PATENT-3,730,891 ..... c 18 N73-26572 *
US-PATENT-3,731,528 ..... c 12 N73-25262 *
US-PATENT-3,731,531 ..... c 14 N73-25460 *
US-PATENT-3,732,040 ..... c 15 N73-24513 *
US-PATENT-3,732,158 ..... c 17 N73-24569 *
US-PATENT-3,732,397 ..... c 33 N74-14935 *
US-PATENT-3,732,405 ..... c 10 N73-25240 *
US-PATENT-3,732,409 ..... c 08 N73-26175 *
US-PATENT-3,732,567 ..... c 14 N73-25461 *
US-PATENT-3,733,350 ..... c 06 N73-26100 *
US-PATENT-3,733,424 ..... c 32 N73-26910 *
US-PATENT-3,733,463 ..... c 14 N73-26430 *
US-PATENT-3,734,432 ..... c 02 N73-26004 *
US-PATENT-3,735,206 ..... c 10 N73-25243 *
US-PATENT-3,735,591 ..... c 25 N73-25760 *
US-PATENT-3,736,453 ..... c 33 N77-22386 *
US-PATENT-3,736,607 ..... c 02 N73-26006 *
US-PATENT-3,736,764 ..... c 05 N73-26071 *
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US-PATENT-3,736,938 ..... c 05 N73-27062 *
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US-PATENT-3,737,118 ..... c 15 N73-25513 *
US-PATENT-3,737,121 ..... c 02 N73-26005 *
US-PATENT-3,737,181 ..... c 33 N73-26958 *
US-PATENT-3,737,217 ..... c 05 N73-26072 *
US-PATENT-3,737,231 ..... c 07 N73-26119 *
US-PATENT-3,737,237 ..... c 26 N73-26751 *
US-PATENT-3,737,639 ..... c 10 N73-26230 *
US-PATENT-3,737,676 ..... c 10 N73-26229 *
US-PATENT-3,737,757 ..... c 10 N73-26228 *
US-PATENT-3,737,762 ..... c 14 N73-28486 *
US-PATENT-3,737,776 ..... c 07 N73-26118 *
US-PATENT-3,737,781 ..... c 10 N73-25241 *
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US-PATENT-3,737,824 ..... c 26 N73-26752 *
US-PATENT-3,737,905 ..... c 14 N73-26432 *
US-PATENT-3,737,912 ..... c 07 N73-26117 *
US-PATENT-3,739,646 ..... c 04 N76-26175 *
US-PATENT-3,740,671 ..... c 10 N73-27171 *
US-PATENT-3,740,725 ..... c 08 N73-26176 *
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US-PATENT-3,742,316 ..... c 09 N73-27150 * #
US-PATENT-3,744,128 ..... c 09 N73-28083 *
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US-PATENT-3,744,294 ..... c 14 N73-27379 *
US-PATENT-3,744,305 ..... c 12 N73-28144 *
US-PATENT-3,744,320 ..... c 14 N73-28487 *
US-PATENT-3,744,480 ..... c 05 N73-27941 *
US-PATENT-3,744,510 ..... c 15 N73-27406 *
US-PATENT-3,744,738 ..... c 14 N73-27378 *
US-PATENT-3,744,739 ..... c 15 N77-10112 *
US-PATENT-3,744,794 ..... c 14 N73-27377 *
US-PATENT-3,744,912 ..... c 16 N73-30476 *
US-PATENT-3,744,913 ..... c 14 N73-28490 *
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US-PATENT-3,745,089 ..... c 06 N73-27086 *
US-PATENT-3,745,090 ..... c 04 N73-27052 *
US-PATENT-3,745,149 ..... c 06 N73-27980 *
US-PATENT-3,745,255 ..... c 07 N73-28012 *
US-PATENT-3,745,300 ..... c 15 N73-28515 *
US-PATENT-3,745,352 ..... c 08 N73-30135 *
US-PATENT-3,745,357 ..... c 14 N73-28488 *
US-PATENT-3,745,410 ..... c 09 N73-30181 *
US-PATENT-3,745,475 ..... c 14 N73-30386 *
US-PATENT-3,745,739 ..... c 15 N73-27405 *
US-PATENT-3,745,816 ..... c 33 N73-27796 *
US-PATENT-3,746,998 ..... c 07 N73-30113 *
US-PATENT-3,747,111 ..... c 07 N73-28013 *
US-PATENT-3,748,722 ..... c 15 N73-33383 *
US-PATENT-3,748,853 ..... c 23 N73-30665 *
US-PATENT-3,748,905 ..... c 14 N73-30395 *
US-PATENT-3,749,123 ..... c 15 N73-30459 *
US-PATENT-3,749,156 ..... c 31 N73-30829 *
US-PATENT-3,749,205 ..... c 15 N73-30460 *
US-PATENT-3,749,332 ..... c 31 N73-32750 *
US-PATENT-3,749,362 ..... c 15 N73-30457 *
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US-PATENT-3,749,911 ..... c 14 N73-30389 *
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US-PATENT-3,752,847 ..... c 06 N73-30098 *
US-PATENT-3,752,986 ..... c 14 N73-30392 *
US-PATENT-3,752,993 ..... c 21 N73-30640 *
US-PATENT-3,752,996 ..... c 91 N74-13130 *
US-PATENT-3,753,148 ..... c 09 N73-32111 *
US-PATENT-3,754,236 ..... c 08 N73-32081 *
US-PATENT-3,754,263 ..... c 09 N73-32110 *

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US-PATENT-4,077,818 ..... c 44 N78-24609 *
US-PATENT-4,077,921 ..... c 24 N78-24290 *
US-PATENT-4,078,110 ..... c 34 N78-25350 *
US-PATENT-4,078,175 ..... c 76 N78-24950 *
US-PATENT-4,078,290 ..... c 37 N78-24544 *
US-PATENT-4,078,378 ..... c 37 N78-24545 *
US-PATENT-4,079,268 ..... c 32 N78-24391 *
US-PATENT-4,080,901 ..... c 20 N78-24275 *
US-PATENT-4,081,250 ..... c 44 N78-31527 *
US-PATENT-4,082,001 ..... c 35 N78-24515 *
US-PATENT-4,082,569 ..... c 44 N78-25527 *
US-PATENT-4,083,097 ..... c 44 N78-25528 *
US-PATENT-4,083,181 ..... c 07 N78-25089 *
US-PATENT-4,083,380 ..... c 37 N78-25426 *
US-PATENT-4,083,520 ..... c 15 N78-25119 *
US-PATENT-4,083,765 ..... c 35 N78-25391 *
US-PATENT-4,084,124 ..... c 44 N78-25531 *
US-PATENT-4,084,132 ..... c 33 N78-25319 *
US-PATENT-4,084,612 ..... c 34 N78-25351 *
US-PATENT-4,084,825 ..... c 07 N78-25090 *
US-PATENT-4,084,985 ..... c 44 N78-25529 *
US-PATENT-4,085,004 ..... c 73 N78-28913 *
US-PATENT-4,085,241 ..... c 44 N78-25530 *
US-PATENT-4,085,332 ..... c 25 N78-25148 *
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US-PATENT-4,087,962 ..... c 34 N78-27357 *
US-PATENT-4,087,975 ..... c 44 N78-32542 *
US-PATENT-4,088,018 ..... c 37 N78-27424 *
US-PATENT-4,088,094 ..... c 51 N78-27733 *
US-PATENT-4,088,270 ..... c 07 N78-27121 *
US-PATENT-4,088,291 ..... c 37 N78-27425 *
US-PATENT-4,088,312 ..... c 37 N78-27423 *
US-PATENT-4,088,408 ..... c 74 N78-27904 *
US-PATENT-4,088,532 ..... c 25 N78-27226 *
US-PATENT-4,088,806 ..... c 24 N78-27180 *
US-PATENT-4,088,926 ..... c 75 N78-27913 *
US-PATENT-4,088,951 ..... c 35 N78-28411 *
US-PATENT-4,088,954 ..... c 35 N78-32397 *
US-PATENT-4,088,965 ..... c 36 N78-27402 *
US-PATENT-4,088,999 ..... c 44 N78-28594 *
US-PATENT-4,089,004 ..... c 32 N80-29539 *
US-PATENT-4,089,209 ..... c 35 N78-27384 *
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US-PATENT-4,090,213 ..... c 44 N80-29835 *
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US-PATENT-4,091,329 ..... c 33 N78-32339 *
US-PATENT-4,091,464 ..... c 54 N78-31735 *
US-PATENT-4,091,464 ..... c 54 N79-24651 *
US-PATENT-4,091,465 ..... c 54 N78-31736 *
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US-PATENT-4,092,274 ..... c 27 N78-31232 *
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US-PATENT-4,092,466 ..... c 27 N80-10358 *
US-PATENT-4,092,606 ..... c 33 N78-32338 *
US-PATENT-4,092,617 ..... c 33 N78-32340 *
US-PATENT-4,092,633 ..... c 54 N78-32720 *
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US-PATENT-4,092,712 ..... c 33 N78-32341 *
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US-PATENT-4,093,156 ..... c 05 N78-32086 *
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US-PATENT-4,093,771 ..... c 27 N78-32260 *
US-PATENT-4,093,917 ..... c 35 N78-32396 *
US-PATENT-4,094,073 ..... c 35 N78-32395 *
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US-PATENT-4,094,775 ..... c 52 N80-14687 *
US-PATENT-4,094,862 ..... c 27 N78-32261 *
US-PATENT-4,094,943 ..... c 27 N78-32262 *
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US-PATENT-4,097,194 ..... c 07 N78-33101 *
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US-PATENT-4,099,799 ..... c 37 N79-10418 *
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US-PATENT-4,100,531 ..... c 32 N79-10263 *
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US-PATENT-4,102,580 ..... c 74 N79-11865 *
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US-PATENT-4,103,712 ..... c 37 N79-11402 *
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US-PATENT-4,104,084 ..... c 44 N79-11467 *
US-PATENT-4,104,091 ..... c 44 N79-11468 *
US-PATENT-4,104,134 ..... c 44 N79-11469 *
US-PATENT-4,104,134 ..... c 44 N80-16452 *
US-PATENT-4,104,873 ..... c 37 N79-11403 *
US-PATENT-4,105,261 ..... c 37 N79-11404 *
US-PATENT-4,105,517 ..... c 44 N79-11470 *
US-PATENT-4,105,966 ..... c 33 N79-11315 *
US-PATENT-4,106,218 ..... c 74 N79-13855 *
US-PATENT-4,106,587 ..... c 71 N79-14871 *
US-PATENT-4,106,687 ..... c 37 N79-13364 *
US-PATENT-4,107,363 ..... c 33 N79-12331 *
US-PATENT-4,107,627 ..... c 72 N79-13826 *
US-PATENT-4,107,919 ..... c 34 N79-13288 *
US-PATENT-4,108,241 ..... c 34 N79-13289 *
US-PATENT-4,109,213 ..... c 33 N79-22373 *
US-PATENT-4,109,644 ..... c 52 N79-18580 *
US-PATENT-4,110,683 ..... c 33 N79-18193 *
US-PATENT-4,110,703 ..... c 36 N79-18307 *
US-PATENT-4,111,041 ..... c 35 N79-14345 *
US-PATENT-4,111,058 ..... c 35 N79-14347 *
US-PATENT-4,111,068 ..... c 37 N79-14382 *
US-PATENT-4,111,184 ..... c 44 N79-14526 *
US-PATENT-4,111,718 ..... c 35 N79-14346 *
US-PATENT-4,111,729 ..... c 28 N79-14228 *
US-PATENT-4,111,775 ..... c 76 N79-14906 *
US-PATENT-4,111,851 ..... c 24 N79-14156 *
US-PATENT-4,112,357 ..... c 33 N79-14305 *
US-PATENT-4,112,497 ..... c 32 N79-14267 *
US-PATENT-4,112,875 ..... c 44 N78-33526 *
US-PATENT-4,116,131 ..... c 20 N78-32179 *
US-PATENT-4,117,669 ..... c 07 N79-10057 *
US-PATENT-4,117,731 ..... c 35 N79-10390 *
US-PATENT-4,117,749 ..... c 37 N79-10419 *
US-PATENT-4,117,881 ..... c 51 N79-10694 *
US-PATENT-4,118,014 ..... c 37 N79-10420 *
US-PATENT-4,118,315 ..... c 51 N79-10693 *
US-PATENT-4,118,427 ..... c 27 N80-32514 *
US-PATENT-4,118,620 ..... c 37 N79-10421 *
US-PATENT-4,118,665 ..... c 33 N79-10338 *
US-PATENT-4,118,666 ..... c 32 N79-10262 *
US-PATENT-4,118,671 ..... c 33 N79-10339 *
US-PATENT-4,118,701 ..... c 32 N79-10264 *
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US-PATENT-4,119,926 ..... c 33 N79-11313 *
US-PATENT-4,119,964 ..... c 32 N79-11265 *
US-PATENT-4,119,972 ..... c 32 N79-11264 *
US-PATENT-4,119,996 ..... c 33 N79-12321 *
US-PATENT-4,121,965 ..... c 76 N79-11920 *
US-PATENT-4,121,995 ..... c 25 N79-11152 *
US-PATENT-4,122,214 ..... c 44 N79-11472 *
US-PATENT-4,122,334 ..... c 74 N79-12890 *
US-PATENT-4,122,383 ..... c 44 N79-12541 *
US-PATENT-4,122,454 ..... c 32 N79-13214 *
US-PATENT-4,122,518 ..... c 52 N79-12694 *
US-PATENT-4,122,712 ..... c 34 N79-12359 *
US-PATENT-4,122,725 ..... c 38 N79-14398 *
US-PATENT-4,122,816 ..... c 37 N79-11405 *
US-PATENT-4,122,833 ..... c 44 N79-11471 *
US-PATENT-4,122,991 ..... c 18 N79-11108 *
US-PATENT-4,123,355 ..... c 45 N79-12584 *
US-PATENT-4,124,180 ..... c 05 N79-12061 *
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US-PATENT-4,124,732 ..... c 27 N79-12221 *
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US-PATENT-4,129,357 ..... c 74 N79-14891 *
US-PATENT-4,130,032 ..... c 37 N79-14383 *
US-PATENT-4,130,112 ..... c 52 N79-14751 *
US-PATENT-4,130,471 ..... c 25 N79-14169 *
US-PATENT-4,130,490 ..... c 33 N79-15245 *
US-PATENT-4,130,795 ..... c 35 N79-14349 *
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US-PATENT-4,131,459 ..... c 27 N79-14213 *
US-PATENT-4,131,486 ..... c 44 N79-14528 *
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US-PATENT-4,132,130 ..... c 44 N79-14527 *
US-PATENT-4,132,375 ..... c 08 N79-14108 *
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US-PATENT-4,132,599 ..... c 52 N79-14750 *
US-PATENT-4,132,829 ..... c 27 N79-14214 *
US-PATENT-4,132,940 ..... c 35 N79-14348 *
US-PATENT-4,132,989 ..... c 32 N79-14268 *
US-PATENT-4,133,697 ..... c 44 N79-17314 *
US-PATENT-4,133,697 ..... c 44 N80-14474 *
US-PATENT-4,133,941 ..... c 44 N79-17313 *
US-PATENT-4,133,941 ..... c 25 N82-21268 *
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US-PATENT-4,134,683 ..... c 43 N79-17288 *
US-PATENT-4,134,744 ..... c 35 N79-17192 *
US-PATENT-4,134,786 ..... c 85 N79-17747 *
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US-PATENT-4,135,127 ..... c 33 N79-17133 *
US-PATENT-4,135,290 ..... c 44 N79-18444 *
US-PATENT-4,135,367 ..... c 44 N79-18443 *
US-PATENT-4,135,817 ..... c 35 N79-18296 *
US-PATENT-4,135,851 ..... c 37 N79-18318 *
US-PATENT-4,135,851 ..... c 37 N80-26658 *
US-PATENT-4,135,851 ..... c 37 N82-19540 *
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US-PATENT-4,137,010 ..... c 05 N79-17847 *
US-PATENT-4,137,365 ..... c 27 N79-18052 *
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US-PATENT-4,139,806 ..... c 71 N79-20827 *
US-PATENT-4,139,839 ..... c 60 N79-20751 *
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US-PATENT-4,140,972 ..... c 32 N79-20296 *
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US-PATENT-4,141,224 ..... c 34 N79-20336 *
US-PATENT-4,141,259 ..... c 37 N79-20377 *
US-PATENT-4,142,101 ..... c 74 N79-20857 *
US-PATENT-4,142,119 ..... c 33 N79-20314 *
US-PATENT-4,143,314 ..... c 20 N79-20179 *
US-PATENT-4,145,058 ..... c 37 N79-22475 *
US-PATENT-4,145,255 ..... c 25 N79-22235 *
US-PATENT-4,145,524 ..... c 27 N79-22300 *
US-PATENT-4,145,933 ..... c 39 N79-22537 *
US-PATENT-4,146,180 ..... c 37 N79-22474 *
US-PATENT-4,146,367 ..... c 25 N81-33246 *
US-PATENT-4,146,409 ..... c 26 N79-22271 *
US-PATENT-4,148,031 ..... c 32 N79-24210 *
US-PATENT-4,148,295 ..... c 44 N79-23481 *
US-PATENT-4,148,375 ..... c 46 N79-22679 *
US-PATENT-4,148,452 ..... c 08 N79-23097 *
US-PATENT-4,148,962 ..... c 24 N79-24062 *
US-PATENT-4,149,034 ..... c 71 N79-23753 *
US-PATENT-4,149,233 ..... c 33 N79-24257 *
US-PATENT-4,149,278 ..... c 54 N79-24652 *
US-PATENT-4,149,423 ..... c 32 N79-24203 *
US-PATENT-4,149,521 ..... c 44 N79-24433 *
US-PATENT-4,149,665 ..... c 44 N79-24431 *
US-PATENT-4,149,817 ..... c 44 N79-24432 *
US-PATENT-4,149,938 ..... c 25 N79-24073 *
US-PATENT-4,150,425 ..... c 33 N79-24254 *
US-PATENT-4,151,086 ..... c 34 N79-24285 *
US-PATENT-4,151,456 ..... c 33 N79-23345 *
US-PATENT-4,151,612 ..... c 54 N79-24651 *
US-PATENT-4,151,800 ..... c 24 N79-25142 *
US-PATENT-4,152,194 ..... c 76 N79-23798 *
US-PATENT-4,153,134 ..... c 46 N79-23555 *
US-PATENT-4,153,476 ..... c 44 N79-25482 *
US-PATENT-4,153,818 ..... c 32 N79-23310 *
US-PATENT-4,154,084 ..... c 43 N79-25443 *
US-PATENT-4,154,228 ..... c 52 N79-27836 *
US-PATENT-4,154,230 ..... c 52 N79-26771 *
US-PATENT-4,154,256 ..... c 05 N79-24976 *
US-PATENT-4,154,501 ..... c 33 N81-29342 *
US-PATENT-4,154,912 ..... c 44 N79-25481 *
US-PATENT-4,155,475 ..... c 24 N79-25143 *
US-PATENT-4,156,309 ..... c 44 N79-26475 *
US-PATENT-4,156,548 ..... c 35 N79-26372 *
US-PATENT-4,156,752 ..... c 15 N79-26100 *
US-PATENT-4,156,971 ..... c 43 N79-26439 *
US-PATENT-4,157,655 ..... c 43 N80-14423 *
US-PATENT-4,157,718 ..... c 52 N80-14684 *
US-PATENT-4,158,583 ..... c 28 N79-28342 *
US-PATENT-4,158,742 ..... c 12 N79-26075 *
US-PATENT-4,158,775 ..... c 72 N80-14877 *
US-PATENT-4,158,895 ..... c 52 N79-26772 *
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US-PATENT-4,159,366 ..... c 44 N79-26474 *
US-PATENT-4,159,634 ..... c 37 N79-28550 *
US-PATENT-4,160,254 ..... c 33 N79-28416 *
US-PATENT-4,160,508 ..... c 37 N79-28551 *
US-PATENT-4,160,601 ..... c 35 N79-28527 *
US-PATENT-4,161,661 ..... c 33 N79-28415 *
US-PATENT-4,161,731 ..... c 31 N79-28370 *
US-PATENT-4,161,747 ..... c 37 N79-28549 *
US-PATENT-4,162,169 ..... c 24 N79-31347 *
US-PATENT-4,162,701 ..... c 34 N79-31523 *
US-PATENT-4,162,928 ..... c 44 N79-31753 *
US-PATENT-4,163,678 ..... c 44 N79-31752 *
US-PATENT-4,164,079 ..... c 09 N79-31228 *
US-PATENT-4,164,718 ..... c 32 N80-14281 *
US-PATENT-4,165,460 ..... c 43 N79-31706 *
US-PATENT-4,166,170 ..... c 27 N79-33316 *
US-PATENT-4,166,170 ..... c 27 N81-14078 *
US-PATENT-4,166,959 ..... c 74 N79-34011 *
US-PATENT-4,167,111 ..... c 46 N80-10709 *
US-PATENT-4,168,287 ..... c 27 N80-10358 *
US-PATENT-4,168,483 ..... c 39 N80-10507 *
US-PATENT-4,168,706 ..... c 54 N80-10799 *
US-PATENT-4,168,718 ..... c 20 N80-10278 *
US-PATENT-4,168,939 ..... c 05 N80-14107 *
US-PATENT-4,169,129 ..... c 37 N80-10494 *
US-PATENT-4,170,776 ..... c 46 N80-14603 *
US-PATENT-4,170,987 ..... c 52 N81-27783 *
US-PATENT-4,171,615 ..... c 20 N80-14188 *
US-PATENT-4,171,645 ..... c 35 N80-14371 *
US-PATENT-4,172,228 ..... c 33 N80-14332 *
US-PATENT-4,172,786 ..... c 45 N80-14579 *
US-PATENT-4,172,883 ..... c 26 N80-14229 *
US-PATENT-4,173,001 ..... c 36 N80-14384 *
US-PATENT-4,173,324 ..... c 37 N80-14398 *
US-PATENT-4,173,397 ..... c 44 N80-14473 *
US-PATENT-4,173,820 ..... c 44 N80-14474 *

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US-PATENT-4,295,111 ..... c 33 N82-11357 *
US-PATENT-4,295,140 ..... c 35 N82-15381 *
US-PATENT-4,295,786 ..... c 37 N82-19540 *
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US-PATENT-4,298,926 ..... c 33 N82-18494 *
US-PATENT-4,298,987 ..... c 60 N82-16747 *
US-PATENT-4,299,492 ..... c 36 N82-16396 *
US-PATENT-4,300,106 ..... c 36 N82-13415 *
US-PATENT-4,300,159 ..... c 43 N82-13465 *
US-PATENT-4,300,656 ..... c 71 N82-16800 *
US-PATENT-4,300,723 ..... c 34 N82-13376 *
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US-PATENT-4,304,320 ..... c 37 N82-18601 *
US-PATENT-4,305,205 ..... c 37 N82-26672 *
US-PATENT-4,307,024 ..... c 25 N82-24312 *
US-PATENT-4,307,510 ..... c 60 N82-24839 *
US-PATENT-4,307,575 ..... c 44 N82-26776 *
US-PATENT-4,307,856 ..... c 05 N82-26277 *
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US-PATENT-4,308,868 ..... c 52 N82-29863 *
US-PATENT-4,309,039 ..... c 37 N82-24490 *
US-PATENT-4,309,146 ..... c 44 N82-24639 *
US-PATENT-4,309,372 ..... c 25 N82-21268 *
US-PATENT-4,310,049 ..... c 25 N82-23282 *
US-PATENT-4,310,132 ..... c 24 N82-26384 *
US-PATENT-4,310,574 ..... c 27 N82-28441 *
US-PATENT-4,310,906 ..... c 33 N82-26572 *
US-PATENT-4,311,055 ..... c 54 N82-26987 *
US-PATENT-4,311,057 ..... c 37 N82-24493 *
US-PATENT-4,311,378 ..... c 35 N82-26628 *
US-PATENT-4,311,615 ..... c 25 N82-26396 *
US-PATENT-4,311,870 ..... c 44 N82-26777 *
US-PATENT-4,312,292 ..... c 37 N82-24492 *
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US-PATENT-4,313,103 ..... c 33 N82-26570 *
US-PATENT-4,313,291 ..... c 09 N82-29330 *
US-PATENT-4,313,726 ..... c 09 N82-24212 *
US-PATENT-4,313,745 ..... c 27 N82-28442 *
US-PATENT-4,313,777 ..... c 33 N82-26571 *
US-PATENT-4,314,984 ..... c 25 N82-28368 *
US-PATENT-4,315,194 ..... c 33 N82-26568 *
US-PATENT-4,315,197 ..... c 33 N82-24421 *
US-PATENT-4,315,266 ..... c 32 N82-27558 *
US-PATENT-4,316,035 ..... c 23 N82-28353 *
US-PATENT-4,317,102 ..... c 35 N82-24470 *
US-PATENT-4,319,133 ..... c 33 N82-28545 *
US-PATENT-4,320,290 ..... c 74 N82-24072 *
US-PATENT-4,320,397 ..... c 32 N82-23376 *
US-PATENT-4,320,911 ..... c 37 N82-24494 *
US-PATENT-4,321,099 ..... c 44 N82-28780 *
US-PATENT-4,321,572 ..... c 33 N82-24422 *
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US-PATENT-4,325,707 ..... c 25 N82-29371 *
US-PATENT-4,326,381 ..... c 44 N82-24640 *
US-PATENT-4,326,685 ..... c 04 N82-23231 *
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US-PATENT-4,330,572 ..... c 27 N82-33520 *
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US-PATENT-4,331,746 ..... c 44 N82-29708 *
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US-PATENT-4,332,441 ..... c 36 N82-29589 *
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US-PATENT-4,335,196 ..... c 44 N83-13579 *
US-PATENT-4,335,206 ..... c 35 N82-28604 *
US-PATENT-4,335,503 ..... c 44 N82-29709 *
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US-PATENT-4,338,061 ..... c 07 N83-31603 *
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US-PATENT-4,338,568 ..... c 33 N83-31954 *
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US-PATENT-4,350,574 ..... c 44 N83-10494 *
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US-PATENT-4,355,870 ..... c 74 N83-13978 *
US-PATENT-4,355,896 ..... c 47 N83-32232 *
US-PATENT-4,357,402 ..... c 25 N83-13188 *
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US-PATENT-4,372,159 ..... c 44 N83-21504 *
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US-PATENT-4,382,116 ..... c 44 N83-27344 *
US-PATENT-4,382,224 ..... c 33 N83-27126 *
US-PATENT-4,382,239 ..... c 32 N83-27085 *
US-PATENT-4,383,171 ..... c 35 N83-27184 *
US-PATENT-4,383,533 ..... c 52 N83-27578 *
US-PATENT-4,383,785 ..... c 31 N83-27058 *
US-PATENT-4,384,578 ..... c 52 N83-27577 *
US-PATENT-4,384,823 ..... c 34 N83-27144 *
US-PATENT-4,385,043 ..... c 24 N83-25789 *
US-PATENT-4,385,113 ..... c 51 N83-27569 *
US-PATENT-4,385,949 ..... c 31 N83-34073 *
US-PATENT-4,386,157 ..... c 51 N83-28849 *
US-PATENT-4,386,750 ..... c 18 N83-28064 *
US-PATENT-4,387,513 ..... c 06 N83-33882 *
US-PATENT-4,387,935 ..... c 37 N83-32067 *
US-PATENT-4,388,171 ..... c 23 N84-16255 *
US-PATENT-4,388,346 ..... c 33 N84-16456 *
US-PATENT-4,388,502 ..... c 05 N83-27975 *
US-PATENT-4,388,542 ..... c 44 N83-28573 *
US-PATENT-4,388,585 ..... c 33 N83-28319 *
US-PATENT-4,388,585 ..... c 33 N84-33660 *
US-PATENT-4,388,965 ..... c 34 N83-28356 *
US-PATENT-4,389,504 ..... c 27 N83-28240 *
US-PATENT-4,389,504 ..... c 27 N85-21349 *
US-PATENT-4,389,849 ..... c 44 N83-28574 *
US-PATENT-4,389,904 ..... c 35 N83-29650 *
US-PATENT-4,391,129 ..... c 34 N83-31993 *
US-PATENT-4,391,423 ..... c 18 N83-29303 *
US-PATENT-4,391,514 ..... c 36 N83-34304 *
US-PATENT-4,391,518 ..... c 36 N83-29680 *
US-PATENT-4,391,609 ..... c 25 N83-31743 *
US-PATENT-4,392,356 ..... c 34 N83-29625 *
US-PATENT-4,392,749 ..... c 35 N83-29651 *
US-PATENT-4,392,874 ..... c 35 N83-29652 *
US-PATENT-4,392,920 ..... c 27 N83-29388 *
US-PATENT-4,393,039 ..... c 25 N83-29324 *
US-PATENT-4,393,706 ..... c 71 N83-32516 *
US-PATENT-4,393,708 ..... c 71 N83-32515 *
US-PATENT-4,393,716 ..... c 39 N83-32081 *
US-PATENT-4,393,777 ..... c 37 N84-12491 *
US-PATENT-4,394,610 ..... c 33 N83-31953 *
US-PATENT-4,394,726 ..... c 60 N83-32342 *
US-PATENT-4,394,819 ..... c 35 N83-32026 *
US-PATENT-4,395,123 ..... c 74 N83-32577 *
US-PATENT-4,395,503 ..... c 27 N83-34043 *
US-PATENT-4,395,511 ..... c 27 N84-14324 *
US-PATENT-4,395,540 ..... c 27 N84-22746 *
US-PATENT-4,395,540 ..... c 27 N85-20123 *
US-PATENT-4,395,557 ..... c 27 N83-31854 *
US-PATENT-4,395,557 ..... c 27 N84-22745 *
US-PATENT-4,395,557 ..... c 27 N85-21347 *
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US-PATENT-4,396,918 ..... c 04 N84-27713 *
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US-PATENT-4,398,021 ..... c 27 N83-34041 *
US-PATENT-4,398,021 ..... c 27 N85-20124 *
US-PATENT-4,398,129 ..... c 33 N83-34189 *
US-PATENT-4,398,412 ..... c 35 N84-28018 *
US-PATENT-4,398,667 ..... c 71 N84-14873 *
US-PATENT-4,398,925 ..... c 71 N83-35781 *
US-PATENT-4,399,415 ..... c 36 N83-35350 *
US-PATENT-4,399,515 ..... c 35 N84-14491 *
US-PATENT-4,400,191 ..... c 31 N83-35176 *
US-PATENT-4,400,642 ..... c 76 N83-34796 *
US-PATENT-4,400,657 ..... c 33 N83-34190 *
US-PATENT-4,401,505 ..... c 76 N83-35888 *
US-PATENT-4,401,934 ..... c 33 N83-35227 *
US-PATENT-4,401,953 ..... c 33 N83-34191 *
US-PATENT-4,402,221 ..... c 71 N83-36846 *
US-PATENT-4,402,358 ..... c 34 N83-35307 *
US-PATENT-4,402,447 ..... c 35 N83-35338 *
US-PATENT-4,402,992 ..... c 31 N83-35177 *
US-PATENT-4,404,469 ..... c 74 N84-11920 *
US-PATENT-4,404,793 ..... c 07 N83-36029 *
US-PATENT-4,405,184 ..... c 37 N84-12492 *
US-PATENT-4,405,197 ..... c 74 N84-11921 *
US-PATENT-4,406,256 ..... c 37 N83-36483 *
US-PATENT-4,406,797 ..... c 25 N83-36118 *
US-PATENT-4,406,989 ..... c 33 N83-36356 *
US-PATENT-4,407,001 ..... c 33 N83-36355 *
US-PATENT-4,407,165 ..... c 37 N83-36482 *
US-PATENT-4,407,468 ..... c 01 N83-35992 *
US-PATENT-4,407,563 ..... c 74 N83-36898 *
US-PATENT-4,407,589 ..... c 33 N83-36357 *
US-PATENT-4,407,686 ..... c 35 N84-12443 *
US-PATENT-4,408,597 ..... c 52 N84-11744 *
US-PATENT-4,408,658 ..... c 27 N83-36220 *
US-PATENT-4,410,189 ..... c 37 N84-11497 *
US-PATENT-4,410,682 ..... c 24 N84-11213 *
US-PATENT-4,411,380 ..... c 24 N84-11214 *
US-PATENT-4,411,597 ..... c 07 N84-22560 *
US-PATENT-4,411,660 ..... c 54 N84-11758 *
US-PATENT-4,412,664 ..... c 02 N84-11136 *
US-PATENT-4,413,522 ..... c 35 N84-12445 *
US-PATENT-4,413,784 ..... c 34 N84-12406 *
US-PATENT-4,414,080 ..... c 25 N84-12262 *
US-PATENT-4,414,509 ..... c 35 N84-12444 *
US-PATENT-4,414,816 ..... c 07 N84-24577 *
US-PATENT-4,415,133 ..... c 05 N84-12154 *
US-PATENT-4,415,311 ..... c 37 N84-12493 *
US-PATENT-4,415,450 ..... c 45 N84-12654 *
US-PATENT-4,416,111 ..... c 07 N84-33410 *
US-PATENT-4,416,266 ..... c 52 N84-28388 *
US-PATENT-4,417,175 ..... c 70 N84-28565 *
US-PATENT-4,417,190 ..... c 33 N84-14424 *
US-PATENT-4,417,215 ..... c 33 N84-14421 *
US-PATENT-4,418,130 ..... c 33 N84-14422 *
US-PATENT-4,418,480 ..... c 04 N84-14132 *
US-PATENT-4,418,722 ..... c 44 N84-14583 *
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US-PATENT-4,420,352 ..... c 27 N84-22748 *
US-PATENT-4,420,518 ..... c 27 N84-14323 *
US-PATENT-4,420,836 ..... c 36 N84-14509 *
US-PATENT-4,420,977 ..... c 71 N84-23233 *
US-PATENT-4,421,109 ..... c 54 N84-16803 *
US-PATENT-4,421,371 ..... c 33 N84-14423 *
US-PATENT-4,421,700 ..... c 24 N84-16262 *

US-PATENT-4,421,820 ..... c 27 N84-14322 *
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US-PATENT-4,425,543 ..... c 33 N84-16454 *
US-PATENT-4,425,785 ..... c 15 N84-16231 *
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US-PATENT-4,425,808 ..... c 35 N85-21598 *
US-PATENT-4,425,854 ..... c 25 N84-16276 *
US-PATENT-4,426,614 ..... c 33 N84-16455 *
US-PATENT-4,426,678 ..... c 33 N84-16453 *
US-PATENT-4,426,874 ..... c 35 N84-28019 *
US-PATENT-4,428,122 ..... c 35 N84-16523 *
US-PATENT-4,428,226 ..... c 07 N84-22559 *
US-PATENT-4,428,675 ..... c 35 N84-22929 *
US-PATENT-4,428,703 ..... c 37 N84-16561 *
US-PATENT-4,429,537 ..... c 37 N84-22958 *
US-PATENT-4,430,360 ..... c 37 N84-22957 *
US-PATENT-4,430,673 ..... c 74 N84-23247 *
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US-PATENT-4,431,333 ..... c 18 N84-22605 *
US-PATENT-4,431,761 ..... c 27 N84-22747 *
US-PATENT-4,431,792 ..... c 27 N84-22746 *
US-PATENT-4,432,853 ..... c 52 N84-23095 *
US-PATENT-4,433,115 ..... c 27 N84-22745 *
US-PATENT-4,433,276 ..... c 33 N84-22885 *
US-PATENT-4,433,439 ..... c 54 N84-23113 *
US-PATENT-4,433,544 ..... c 44 N84-23018 *
US-PATENT-4,433,672 ..... c 44 N84-28203 *
US-PATENT-4,434,106 ..... c 27 N84-22744 *
US-PATENT-4,434,189 ..... c 36 N84-22944 *
US-PATENT-4,434,490 ..... c 36 N84-22943 *
US-PATENT-4,434,659 ..... c 35 N84-22928 *
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US-PATENT-4,435,781 ..... c 60 N84-28491 *
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US-PATENT-4,437,923 ..... c 35 N84-22930 *
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US-PATENT-4,437,962 ..... c 24 N85-21267 *
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US-PATENT-4,439,465 ..... c 26 N84-22734 *
US-PATENT-4,439,718 ..... c 33 N84-22886 *
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US-PATENT-4,439,968 ..... c 16 N84-22601 *
US-PATENT-4,442,716 ..... c 35 N84-22934 *
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US-PATENT-4,443,701 ..... c 74 N84-28590 *
US-PATENT-4,443,724 ..... c 35 N84-28017 *
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US-PATENT-4,446,199 ..... c 26 N84-33555 *
US-PATENT-4,446,396 ..... c 35 N84-22932 *
US-PATENT-4,446,459 ..... c 60 N84-28492 *
US-PATENT-4,446,556 ..... c 36 N84-28065 *
US-PATENT-4,446,757 ..... c 37 N84-28084 *
US-PATENT-4,447,251 ..... c 71 N84-28568 *
US-PATENT-4,447,943 ..... c 52 N84-28389 *
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US-PATENT-4,449,370 ..... c 37 N84-33808 *
US-PATENT-4,449,400 ..... c 47 N84-28292 *
US-PATENT-4,449,514 ..... c 44 N84-28204 *
US-PATENT-4,449,894 ..... c 37 N84-28081 *
US-PATENT-4,450,268 ..... c 27 N84-27884 *
US-PATENT-4,450,447 ..... c 32 N84-27951 *
US-PATENT-4,451,017 ..... c 18 N84-27787 *
US-PATENT-4,451,496 ..... c 26 N84-27855 *
US-PATENT-4,452,088 ..... c 24 N84-27829 *
US-PATENT-4,452,412 ..... c 16 N84-27784 *
US-PATENT-4,453,163 ..... c 06 N84-27733 *
US-PATENT-4,454,611 ..... c 54 N84-28484 *
US-PATENT-4,454,649 ..... c 44 N84-28205 *
US-PATENT-4,454,753 ..... c 09 N84-27749 *
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US-PATENT-4,455,532 ..... c 72 N84-28575 *
US-PATENT-4,455,680 ..... c 32 N84-27952 *
US-PATENT-4,456,208 ..... c 27 N84-27886 *
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US-PATENT-4,458,418 ..... c 37 N84-28085 *
US-PATENT-4,458,554 ..... c 37 N84-28082 *
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US-PATENT-4,459,562 ..... c 33 N84-27974 *
US-PATENT-4,462,871 ..... c 76 N84-35112 * #
US-PATENT-4,463,357 ..... c 46 N85-21846 *
US-PATENT-4,463,465 ..... c 03 N84-33394 *
US-PATENT-4,463,606 ..... c 71 N85-22105 *
US-PATENT-4,464,710 ..... c 33 N84-33663 *
US-PATENT-4,466,242 ..... c 20 N85-21256 *
US-PATENT-4,466,667 ..... c 35 N84-33768 *
US-PATENT-4,469,552 ..... c 76 N84-35113 *
US-PATENT-4,469,942 ..... c 35 N84-33767 *
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US-PATENT-4,470,293 ..... c 37 N84-33807 *
US-PATENT-4,470,403 ..... c 44 N84-34792 *
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US-PATENT-4,472,728 ..... c 35 N84-33765 *
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US-PATENT-4,473,792 ..... c 33 N84-33660 *
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US-PATENT-4,474,471 ..... c 35 N84-34705 *
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US-PATENT-4,475,385 ..... c 09 N84-34448 *
US-PATENT-4,475,527 ..... c 37 N85-21650 *
US-PATENT-4,475,921 ..... c 71 N85-22104 *
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US-PATENT-4,479,053 ..... c 74 N85-22139 *
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US-PATENT-4,479,560 ..... c 35 N85-20294 *
US-PATENT-4,481,570 ..... c 60 N85-21992 *
US-PATENT-4,482,778 ..... c 44 N85-21768 *
US-PATENT-4,482,779 ..... c 33 N85-21492 *
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US-PATENT-4,483,639 ..... c 37 N85-21649 *
US-PATENT-4,483,817 ..... c 25 N85-21279 *
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US-PATENT-4,485,151 ..... c 24 N85-35233 *
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US-PATENT-4,499,470 ..... c 43 N85-21723 *
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US-PATENT-4,507,928 ..... c 31 N85-29082 *
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US-PATENT-4,509,132 ..... c 33 N85-34333 *
US-PATENT-4,509,548 ..... c 37 N85-34403 *
US-PATENT-4,510,277 ..... c 27 N85-34282 *
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US-PATENT-4,512,661 ..... c 35 N85-30282 *
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US-PATENT-4,512,699 ..... c 37 N85-29285 *
US-PATENT-4,512,846 ..... c 76 N85-29800 *
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US-PATENT-4,513,423 ..... c 36 N85-30305 *
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US-PATENT-4,515,751 ..... c 35 N85-29213 *
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US-PATENT-4,545,553 ..... c 33 N86-20671 *
US-PATENT-4,545,586 ..... c 37 N86-20788 *
US-PATENT-4,545,723 ..... c 37 N86-19603 *
US-PATENT-4,546,248 ..... c 32 N86-20647 *
US-PATENT-4,547,121 ..... c 37 N86-20789 *
US-PATENT-4,547,686 ..... c 33 N86-20672 *
US-PATENT-4,548,083 ..... c 39 N86-20841 *
US-PATENT-4,549,435 ..... c 35 N86-20752 *
US-PATENT-4,550,129 ..... c 24 N86-19380 *
US-PATENT-4,550,177 ..... c 23 N86-19376 *
US-PATENT-4,550,177 ..... c 23 N88-24692 *
US-PATENT-4,550,292 ..... c 33 N86-20668 *
US-PATENT-4,550,561 ..... c 07 N86-20389 *
US-PATENT-4,551,677 ..... c 35 N86-32698 *
US-PATENT-4,551,687 ..... c 33 N86-20670 *
US-PATENT-4,551,724 ..... c 43 N86-19711 *
US-PATENT-4,552,466 ..... c 37 N86-19606 *
US-PATENT-4,552,784 ..... c 26 N86-32550 *
US-PATENT-4,552,931 ..... c 27 N86-19456 *
US-PATENT-4,553,110 ..... c 33 N86-19515 *
US-PATENT-4,553,393 ..... c 37 N86-19604 *
US-PATENT-4,553,917 ..... c 26 N86-32551 *
US-PATENT-4,554,905 ..... c 18 N86-20469 *
US-PATENT-4,556,327 ..... c 35 N86-19580 *
US-PATENT-4,556,986 ..... c 74 N86-21348 *
US-PATENT-4,557,097 ..... c 31 N86-19479 *
US-PATENT-4,557,149 ..... c 35 N86-19581 *
US-PATENT-4,557,444 ..... c 05 N86-19310 *
US-PATENT-4,558,585 ..... c 71 N86-21276 *
US-PATENT-4,558,967 ..... c 37 N86-19605 *
US-PATENT-4,560,577 ..... c 27 N86-19458 *
US-PATENT-4,560,742 ..... c 27 N86-19457 *
US-PATENT-4,561,784 ..... c 25 N86-19413 *
US-PATENT-4,562,583 ..... c 74 N86-20124 *
US-PATENT-4,564,787 ..... c 33 N86-21742 *
US-PATENT-4,565,557 ..... c 31 N86-21718 *
US-PATENT-4,565,886 ..... c 27 N86-21675 *

US-PATENT-4,566,447 ..... c 54 N86-22112 *
US-PATENT-4,567,301 ..... c 23 N86-21582 *
US-PATENT-4,567,348 ..... c 37 N86-21850 *
US-PATENT-4,568,733 ..... c 24 N86-21590 *
US-PATENT-4,572,004 ..... c 35 N86-25752 *
US-PATENT-4,572,699 ..... c 37 N87-22976 *
US-PATENT-4,573,356 ..... c 71 N88-24241 *
US-PATENT-4,578,678 ..... c 04 N86-27270 *
US-PATENT-4,578,920 ..... c 37 N86-25789 *
US-PATENT-4,579-782 ..... c 24 N86-25416 *
US-PATENT-4,579,302 ..... c 18 N86-24729 *
US-PATENT-4,579,475 ..... c 37 N86-27630 *
US-PATENT-4,580-791 ..... c 37 N86-25790 *
US-PATENT-4,582,277 ..... c 16 N86-26352 *
US-PATENT-4,582,289 ..... c 37 N87-21333 *
US-PATENT-4,582,590 ..... c 25 N86-25428 *
US-PATENT-4,583,587 ..... c 34 N86-27593 *
US-PATENT-4,583,860 ..... c 74 N86-26190 *
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US-PATENT-4,584,510 ..... c 08 N86-27288 *
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US-PATENT-4,585,344 ..... c 35 N86-25753 *
US-PATENT-4,586,140 ..... c 06 N86-27280 *
US-PATENT-4,586,394 ..... c 35 N87-21304 *
US-PATENT-4,586,487 ..... c 44 N86-27706 *
US-PATENT-4,587,312 ..... c 27 N86-27450 *
US-PATENT-4,587,324 ..... c 23 N86-32525 *
US-PATENT-4,587,526 ..... c 37 N86-25791 *
US-PATENT-4,588,778 ..... c 27 N86-27451 *
US-PATENT-4,588,986 ..... c 32 N86-27513 *
US-PATENT-4,591,772 ..... c 37 N86-27629 *
US-PATENT-4,591,838 ..... c 25 N86-27431 *
US-PATENT-4,593,415 ..... c 54 N86-28618 *
US-PATENT-4,594,540 ..... c 31 N86-29055 *
US-PATENT-4,594,720 ..... c 36 N86-29204 *
US-PATENT-4,594,734 ..... c 54 N86-28620 *
US-PATENT-4,595,399 ..... c 35 N86-29174 *
US-PATENT-4,595,548 ..... c 27 N86-29039 *
US-PATENT-4,596,626 ..... c 76 N86-28760 *
US-PATENT-4,598,007 ..... c 24 N86-28131 *
US-PATENT-4,598,427 ..... c 54 N86-28619 *
US-PATENT-4,598,428 ..... c 54 N86-29507 * #
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US-PATENT-4,600,301 ..... c 35 N86-32697 *
US-PATENT-4,600,769 ..... c 27 N86-31726 * #
US-PATENT-4,600,840 ..... c 72 N86-33127 *
US-PATENT-4,602,081 ..... c 27 N86-32568 * #
US-PATENT-4,602,509 ..... c 35 N86-32695 * #
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US-PATENT-4,604,038 ..... c 37 N86-32738 *
US-PATENT-4,604,181 ..... c 27 N86-32569 *
US-PATENT-4,604,844 ..... c 37 N86-32737 *
US-PATENT-4,604,903 ..... c 35 N86-32696 *
US-PATENT-4,605,155 ..... c 37 N86-32736 * #
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US-PATENT-4,605,946 ..... c 76 N87-13313 *
US-PATENT-4,607,193 ..... c 31 N86-32587 *
US-PATENT-4,608,452 ..... c 44 N86-32875 *
US-PATENT-4,608,821 ..... c 20 N87-16875 *
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US-PATENT-4,612,072 ..... c 76 N87-15882 *
US-PATENT-4,614,428 ..... c 74 N87-14971 *
US-PATENT-4,615,637 ..... c 18 N87-14373 *
US-PATENT-4,616,793 ..... c 05 N87-14314 *
US-PATENT-4,618,215 ..... c 09 N87-14355 *
US-PATENT-4,618,380 ..... c 35 N87-14671 *
US-PATENT-4,618,652 ..... c 27 N87-15304 *
US-PATENT-4,619,142 ..... c 35 N87-14670 *
US-PATENT-4,619,423 ..... c 02 N87-16793 *
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US-PATENT-4,621,492 ..... c 20 N87-14420 *
US-PATENT-4,622,182 ..... c 27 N87-14515 *
US-PATENT-4,623,255 ..... c 33 N87-14594 *
US-PATENT-4,624,142 ..... c 32 N87-14559 *
US-PATENT-4,624,561 ..... c 35 N87-14669 *
US-PATENT-4,624,888 ..... c 27 N87-14516 *
US-PATENT-4,626,046 ..... c 37 N87-17034 *
US-PATENT-4,626,593 ..... c 27 N87-16908 *
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US-PATENT-4,631,538 ..... c 17 N87-16863 *
US-PATENT-4,632,548 ..... c 36 N87-17026 *
US-PATENT-4,633,060 ..... c 74 N87-17493 *
US-PATENT-4,633,060 ..... c 74 N87-25843 *
US-PATENT-4,634,191 ..... c 37 N87-17038 *
US-PATENT-4,634,759 ..... c 27 N87-16909 *
US-PATENT-4,634,759 ..... c 23 N88-24692 *
US-PATENT-4,635,663 ..... c 37 N87-17035 *
US-PATENT-4,635,773 ..... c 37 N87-17037 *
US-PATENT-4,637,181 ..... c 31 N87-16918 *
US-PATENT-4,637,447 ..... c 37 N87-17036 *
US-PATENT-4,638,083 ..... c 27 N87-16907 *
US-PATENT-4,641,499 ..... c 31 N87-21159 *
US-PATENT-4,642,523 ..... c 33 N87-21234 *
US-PATENT-4,644,234 ..... c 33 N87-21233 *
US-PATENT-4,644,306 ..... c 33 N87-22895 *
US-PATENT-4,644,794 ..... c 71 N87-21652 *
US-PATENT-4,645,358 ..... c 32 N87-21206 *
US-PATENT-4,646,860 ..... c 85 N87-21755 *
US-PATENT-4,647,144 ..... c 74 N87-21679 *
US-PATENT-4,647,615 ..... c 27 N87-22845 *
US-PATENT-4,648,133 ..... c 32 N87-21207 *
US-PATENT-4,648,267 ..... c 34 N87-21255 *
US-PATENT-4,648,569 ..... c 08 N87-20999 *
US-PATENT-4,649,189 ..... c 27 N87-21112 *
US-PATENT-4,649,273 ..... c 72 N87-21661 *
US-PATENT-4,649,278 ..... c 72 N87-21660 *
US-PATENT-4,649,287 ..... c 44 N87-21410 *
US-PATENT-4,649,541 ..... c 60 N87-21591 *
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US-PATENT-4,652,833 ..... c 33 N87-21235 *
US-PATENT-4,654,065 ..... c 27 N87-21111 *
US-PATENT-4,654,110 ..... c 76 N87-23286 *
US-PATENT-4,655,482 ..... c 37 N87-22977 *
US-PATENT-4,657,044 ..... c 37 N87-21332 *
US-PATENT-4,660,000 ..... c 33 N87-21232 *
US-PATENT-4,661,558 ..... c 27 N87-22848 *
US-PATENT-4,661,770 ..... c 33 N87-22894 *
US-PATENT-4,662,220 ..... c 35 N87-22953 *
US-PATENT-4,662,751 ..... c 74 N87-23259 *
US-PATENT-4,663-627 ..... c 06 N87-22678 *
US-PATENT-4,663,483 ..... c 27 N87-22847 *
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US-PATENT-4,664,177 ..... c 34 N88-23958 *
US-PATENT-4,664,344 ..... c 37 N87-22985 *
US-PATENT-4,664,980 ..... c 27 N87-23736 *
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US-PATENT-4,665,334 ..... c 37 N87-23970 *
US-PATENT-4,666,086 ..... c 37 N87-24689 *
US-PATENT-4,666,561 ..... c 25 N88-23846 *
US-PATENT-4,668,589 ..... c 27 N87-25469 *
US-PATENT-4,669,354 ..... c 37 N87-23983 *
US-PATENT-4,669,836 ..... c 52 N87-24874 *
US-PATENT-4,669,958 ..... c 08 N87-23631 *
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US-PATENT-4,672,202 ..... c 37 N87-23982 *
US-PATENT-4,675,379 ..... c 27 N87-24564 *
US-PATENT-4,675,563 ..... c 33 N87-23904 *
US-PATENT-4,675,880 ..... c 32 N87-25511 *
US-PATENT-4,676,110 ..... c 39 N87-25601 *
US-PATENT-4,676,846 ..... c 26 N87-28647 *
US-PATENT-4,676,853 ..... c 37 N87-23981 *
US-PATENT-4,676,962 ..... c 23 N87-23698 *
US-PATENT-4,677,629 ..... c 36 N87-23960 *
US-PATENT-4,677,636 ..... c 36 N87-23961 *
US-PATENT-4,677,642 ..... c 35 N87-23944 *
US-PATENT-4,677,803 ..... c 31 N87-25492 *
US-PATENT-4,678,438 ..... c 14 N87-25344 *
US-PATENT-4,680,897 ..... c 31 N87-25491 *
US-PATENT-4,681-818 ..... c 26 N87-25455 *
US-PATENT-4,681,142 ..... c 37 N87-25573 *
US-PATENT-4,681,437 ..... c 76 N87-25862 *
US-PATENT-4,682,006 ..... c 74 N87-25843 *
US-PATENT-4,682,053 ..... c 36 N87-25567 *
US-PATENT-4,682,225 ..... c 17 N87-25348 *
US-PATENT-4,682,343 ..... c 33 N87-25531 *
US-PATENT-4,682,494 ..... c 09 N87-25334 *
US-PATENT-4,682,745 ..... c 37 N87-25582 *
US-PATENT-4,683,809 ..... c 24 N87-27742 * #
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US-PATENT-4,684,258 ..... c 36 N87-28006 *
US-PATENT-4,684,424 ..... c 74 N87-28416 *
US-PATENT-4,685,535 ..... c 54 N87-29118 *
US-PATENT-4,687,048 ..... c 34 N87-28867 *
US-PATENT-4,687,444 ..... c 82 N87-29372 *
US-PATENT-4,687,964 ..... c 33 N87-28832 *
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US-PATENT-4,689,421 ..... c 23 N87-28605 *
US-PATENT-4,689,522 ..... c 33 N87-28831 *
US-PATENT-4,690,353 ..... c 33 N87-28833 *
US-PATENT-4,690,749 ..... c 27 N92-25397 *
US-PATENT-4,695,610 ..... c 27 N87-28657 *
US-PATENT-4,696,808 ..... c 76 N87-29360 *
US-PATENT-4,697,425 ..... c 31 N88-14223 *
US-PATENT-4,697,922 ..... c 36 N88-14350 *
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US-PATENT-4,709,252 ..... c 33 N88-14271 *
US-PATENT-4,710,618 ..... c 44 N88-14492 *
US-PATENT-4,711,697 ..... c 76 N88-14835 *
US-PATENT-4,711,857 ..... c 76 N88-14836 *
US-PATENT-4,711,932 ..... c 27 N88-18725 *
US-PATENT-4,713,275 ..... c 24 N88-18628 *
US-PATENT-4,718,281 ..... c 35 N88-23967 *
US-PATENT-4,720,139 ..... c 37 N88-23982 *
US-PATENT-4,723,096 ..... c 33 N88-23942 *
US-PATENT-4,723,800 ..... c 37 N88-23979 *
US-PATENT-4,725,106 ..... c 54 N88-24163 *
US-PATENT-4,726,890 ..... c 76 N88-24543 *
US-PATENT-4,727,751 ..... c 02 N88-23759 *
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US-PATENT-4,738,137 ..... c 35 N88-23966 *
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US-PATENT-4,738,831 ..... c 76 N88-24544 *
US-PATENT-4,740,264 ..... c 76 N88-24545 *
US-PATENT-4,742,232 ..... c 72 N88-24253 *
US-PATENT-4,748,263 ..... c 23 N88-24692 *
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US-PATENT-4,765,139 ..... c 35 N88-29151 *
US-PATENT-4,765,187 ..... c 35 N88-29150 *
US-PATENT-4,765,396 ..... c 34 N88-29133 *
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US-PATENT-4,770,232 ..... c 35 N89-12048 *
US-PATENT-4,770,238 ..... c 34 N89-14392 *
US-PATENT-4,770,455 ..... c 37 N89-13785 *
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US-PATENT-4,771,823 ..... c 31 N89-12785 *
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US-PATENT-4,772,893 ..... c 32 N89-11961 *
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US-PATENT-4,783,994 ..... c 35 N89-14423 *
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US-PATENT-5,080,977 ..... c 24 N92-21725 *
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US-PATENT-5,087,088 ..... c 37 N92-21500 *
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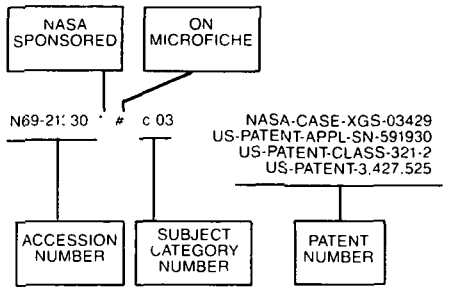

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US-PATENT-3,540,050

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US-PATENT-CLASS-165-107
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US-PATENT-CLASS-307-235
US-PATENT-3,543,050

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N71-24864* c 14 ..... NASA-CASE-XLE-04503
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US-PATENT-CLASS-285-317
US-PATENT-CLASS-285-38
US-PATENT-CLASS-285-406
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N71-24904* c 09 ..... NASA-CASE-MFS-20385
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US-PATENT-3,541,361

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US-PATENT-3,472,202

N71-24934* c 18 ..... NASA-CASE-NPO-10051
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US-PATENT-3,548,633

N71-24948* c 21 ..... NASA-CASE-ERC-10090
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US-PATENT-CLASS-343-112
US-PATENT-3,550,129

N71-24964* c 11 ..... NASA-CASE-NPO-10141
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N71-24984* c 15 ..... NASA-CASE-MFS-14971
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US-PATENT-CLASS-74-468
US-PATENT-3,541,875

N71-24985* c 11 ..... NASA-CASE-KSC-10126
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US-PATENT-CLASS-73-15
US-PATENT-3,545,252

N71-25139* c 10 ..... NASA-CASE-MFS-10068
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US-PATENT-CLASS-60-202
US-PATENT-3,545,208

N71-25351* c 33 ..... NASA-CASE-MFS-14023
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US-PATENT-CLASS-220-9
US-PATENT-CLASS-52-249
US-PATENT-CLASS-52-404
US-PATENT-CLASS-62-45
US-PATENT-3,540,615

N71-25353* c 33 ..... NASA-CASE-MFS-20355
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US-PATENT-CLASS-165-105
US-PATENT-CLASS-165-133
US-PATENT-CLASS-219-378
US-PATENT-CLASS-219-530
US-PATENT-CLASS-244-1
US-PATENT-3,548,930

N71-25360* c 32 ..... NASA-CASE-XLA-08530
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US-PATENT-CLASS-244-113
US-PATENT-CLASS-244-138
US-PATENT-3,547,376

N71-25490* c 26 ..... NASA-CASE-ERC-10088
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US-PATENT-3,537,305

N71-25555* c 24 ..... NASA-CASE-XNP-09469
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US-PATENT-3,567,861

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US-PATENT-3,559,096

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US-PATENT-3,468,727

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US-PATENT-CLASS-235-201

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US-PATENT-CLASS-244-57
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US-PATENT-CLASS-74-89.15
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US-PATENT-CLASS-330-30
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US-PATENT-CLASS-324-65
US-PATENT-CLASS-340-227
US-PATENT-CLASS-60-35.6
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US-PATENT-CLASS-333-96
US-PATENT-CLASS-343-884
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US-PATENT-CLASS-317-231
US-PATENT-CLASS-317-238
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US-PATENT-3,365,897

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US-PATENT-3,331,071

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US-PATENT-CLASS-60-39.65
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US-PATENT-APPL-SN-408435
US-PATENT-CLASS-285-45
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US-PATENT-3,252,100

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US-PATENT-CLASS-343-784
US-PATENT-CLASS-343-872
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US-PATENT-CLASS-324-73
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US-PATENT-CLASS-317-33
US-PATENT-CLASS-317-54
US-PATENT-CLASS-317-60
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N71-29032* c 15 ..... NASA-CASE-XMF-05999
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US-PATENT-CLASS-235-150.2
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US-PATENT-CLASS-235-151.1
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US-PATENT-CLASS-328-44
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US-PATENT-CLASS-337-121
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N71-29044* c 03 ..... NASA-CASE-XMS-02063
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US-PATENT-CLASS-136-86
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US-PATENT-CLASS-165-86
US-PATENT-3,347,309

N71-29049* c 23 ..... NASA-CASE-XNP-06503
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US-PATENT-CLASS-335-216
US-PATENT-3,273,094

N71-29050* c 31 ..... NASA-CASE-HQN-00936
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US-PATENT-CLASS-244-1
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N71-29051* c 33 ..... NASA-CASE-XMF-04208
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US-PATENT-CLASS-73-190
US-PATENT-3,372,588

N71-29052* c 33 ..... NASA-CASE-MSC-12389
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US-PATENT-CLASS-165-47
US-PATENT-3,212,564

N71-29053* c 33 ..... NASA-CASE-HQN-00938
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US-PATENT-CLASS-60-267
US-PATENT-3,298,175

N71-29065* c 07 ..... NASA-CASE-ERC-10011
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US-PATENT-CLASS-350-1
US-PATENT-CLASS-350-286
US-PATENT-3,574,438

N71-29123* c 23 ..... NASA-CASE-XNP-08907
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US-PATENT-CLASS-350-288
US-PATENT-CLASS-350-310
US-PATENT-3,574,448

N71-29125* c 23 ..... NASA-CASE-NPO-11087
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US-PATENT-CLASS-356-153
US-PATENT-3,574,467

N71-29128* c 02 ..... NASA-CASE-XAC-00048
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US-PATENT-CLASS-121-38
US-PATENT-2,898,889

N71-29129* c 03 ..... NASA-CASE-XGS-01674
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US-PATENT-CLASS-320-13
US-PATENT-3,118,100

N71-29131* c 16 ..... NASA-CASE-ERC-10151
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US-PATENT-CLASS-350-3.5
US-PATENT-3,578,838

N71-29132* c 15 ..... NASA-CASE-NPO-10431
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US-PATENT-3,583,239

N71-29133* c 15 ..... NASA-CASE-MFS-20453
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US-PATENT-CLASS-294-15
US-PATENT-CLASS-339-17R
US-PATENT-CLASS-81-3R
US-PATENT-3,583,744

N71-29134* c 14 ..... NASA-CASE-MFS-11204
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US-PATENT-CLASS-73-304C
US-PATENT-3,578,755

N71-29135* c 10 ..... NASA-CASE-GSC-10564
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US-PATENT-3,348,218

N71-29136* c 15 ..... NASA-CASE-XLA-00013
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US-PATENT-2,903,307

N71-29137* c 17 ..... NASA-CASE-XNP-04339
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US-PATENT-CLASS-307-265
US-PATENT-CLASS-324-106
US-PATENT-CLASS-328-58
US-PATENT-CLASS-332-10
US-PATENT-CLASS-332-9R
US-PATENT-3,579,146

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US-PATENT-CLASS-307-247
US-PATENT-CLASS-307-265
US-PATENT-CLASS-307-273
US-PATENT-CLASS-307-294
US-PATENT-CLASS-328-207
US-PATENT-3,578,988

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US-PATENT-2,926,123

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US-PATENT-2,956,772

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US-PATENT-3,212,259

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US-PATENT-CLASS-253-77
US-PATENT-2,997,274

N71-29155* c 27 ..... NASA-CASE-MSC-12390
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US-PATENT-3,286,882

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US-PATENT-CLASS-148-174
US-PATENT-3,397,094

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US-PATENT-CLASS-350-2
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N71-30028* c 15 ..... NASA-CASE-MFS-20830
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US-PATENT-CLASS-73-497

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US-PATENT-CLASS-179-1VC
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US-PATENT-CLASS-307-261
US-PATENT-CLASS-321-47
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US-PATENT-CLASS-235-175
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US-PATENT-CLASS-330-16
US-PATENT-CLASS-330-24
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US-PATENT-CLASS-244-1
US-PATENT-CLASS-244-83
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US-PATENT-CLASS-350-55
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US-PATENT-CLASS-179-15BS
US-PATENT-CLASS-340-347DD
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US-PATENT-CLASS-136-89
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US-PATENT-CLASS-95-11
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US-PATENT-CLASS-313-231
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US-PATENT-CLASS-315-111
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US-PATENT-CLASS-325-482
US-PATENT-CLASS-328-164
US-PATENT-CLASS-328-165
US-PATENT-CLASS-329-145
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N71-34212* # c 09 ..... NASA-CASE-MFS-20935
US-PATENT-APPL-SN-136007
N71-34389* # c 14 ..... NASA-CASE-HQN-10683
US-PATENT-APPL-SN-146217
N72-10138* # c 06 ..... NASA-CASE-HQN-10537-1
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N72-10375* # c 14 ..... NASA-CASE-GSC-11095-1
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US-PATENT-CLASS-416-121
US-PATENT-CLASS-416-127
US-PATENT-CLASS-416-130
US-PATENT-CLASS-416-149
US-PATENT-CLASS-416-200
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US-PATENT-CLASS-62-56
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N72-11085* c 05 ..... NASA-CASE-MSC-13140
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US-PATENT-CLASS-297-232
US-PATENT-CLASS-297-68
US-PATENT-CLASS-5-69
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US-PATENT-CLASS-343-853
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US-PATENT-CLASS-325-4
US-PATENT-CLASS-325-58
US-PATENT-CLASS-343-179
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US-PATENT-CLASS-343-7.5
US-PATENT-3,593,138
N72-11150* c 07 ..... NASA-CASE-NPO-11064
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US-PATENT-CLASS-331-66
US-PATENT-CLASS-331-7
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N72-11172* c 08 ..... NASA-CASE-GSC-10880-1
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US-PATENT-CLASS-33-15A
US-PATENT-CLASS-33-204C
US-PATENT-3,599,335
N72-11224* c 09 ..... NASA-CASE-GSC-10614-1
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US-PATENT-CLASS-179-100-2CA
US-PATENT-CLASS-179-100-2MD
US-PATENT-CLASS-274-4R
US-PATENT-3,592,478
N72-11225* c 09 ..... NASA-CASE-KSC-10162
US-PATENT-APPL-SN-817481
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US-PATENT-CLASS-324-119
US-PATENT-CLASS-324-123R
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US-PATENT-CLASS-330-109
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US-PATENT-CLASS-33-125
US-PATENT-CLASS-356-167
US-PATENT-CLASS-356-32
US-PATENT-CLASS-73-95
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US-PATENT-CLASS-73-194F
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US-PATENT-APPL-SN-38814
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US-PATENT-CLASS-85-5B
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US-PATENT-CLASS-248-278
US-PATENT-CLASS-248-487
US-PATENT-CLASS-33-72
US-PATENT-CLASS-350-285
US-PATENT-CLASS-350-287
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US-PATENT-APPL-SN-769665
US-PATENT-CLASS-75-20F
US-PATENT-3,592,628
N72-11388* c 15 ..... NASA-CASE-MFS-20423
US-PATENT-APPL-SN-865298
US-PATENT-CLASS-212-134
US-PATENT-CLASS-308-5
US-PATENT-3,600,046
N72-11389* c 15 ..... NASA-CASE-XLA-05056
US-PATENT-APPL-SN-596733
US-PATENT-CLASS-210-445
US-PATENT-3,592,768
N72-11390* c 15 ..... NASA-CASE-MFS-18100
US-PATENT-APPL-SN-784055
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US-PATENT-CLASS-15-210
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N72-11391* c 15 ..... NASA-CASE-NPO-11012
US-PATENT-APPL-SN-845807
US-PATENT-CLASS-248-18
US-PATENT-CLASS-248-20
US-PATENT-3,592,422
N72-11392* c 15 ..... NASA-CASE-MFS-20299
US-PATENT-APPL-SN-889437
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US-PATENT-CLASS-156-66
US-PATENT-CLASS-219-221
US-PATENT-CLASS-219-243
US-PATENT-3,593,001
N72-11568* # c 23 ..... NASA-CASE-GSC-11133-1
US-PATENT-APPL-SN-121328
N72-11595* c 24 ..... NASA-CASE-MFS-20095
US-PATENT-APPL-SN-855004
US-PATENT-CLASS-250-49.5B
US-PATENT-CLASS-250-49.5TE
US-PATENT-CLASS-250-51
US-PATENT-CLASS-250-52
US-PATENT-3,593,024
N72-11708* c 28 ..... NASA-CASE-MFS-20619
US-PATENT-APPL-SN-18982
US-PATENT-CLASS-139-425R
US-PATENT-CLASS-239-265.19
US-PATENT-CLASS-239-265.43
US-PATENT-CLASS-60-271
US-PATENT-3,596,465
N72-11709* c 28 ..... NASA-CASE-NPO-10737
US-PATENT-APPL-SN-760114
US-PATENT-CLASS-60-202
US-PATENT-CLASS-60-39-48
US-PATENT-3,591,967
N72-12080* c 07 ..... NASA-CASE-GSC-10087-3
US-PATENT-APPL-SN-880885
US-PATENT-CLASS-325-4
US-PATENT-CLASS-343-6.5R
US-PATENT-CLASS-343-6.8R
US-PATENT-3,594,790
N72-12081* c 07 ..... NASA-CASE-GSC-10185-1
US-PATENT-APPL-SN-733039
US-PATENT-CLASS-178-DIG.12
US-PATENT-CLASS-178-6
US-PATENT-CLASS-178-7.3
US-PATENT-CLASS-325-10
US-PATENT-CLASS-325-13
US-PATENT-3,588,331
N72-12136* c 09 ..... NASA-CASE-XER-09521
US-PATENT-APPL-SN-771530
US-PATENT-CLASS-136-202
US-PATENT-CLASS-136-206
US-PATENT-CLASS-136-227
US-PATENT-CLASS-343-DIG.3
US-PATENT-CLASS-343-720
US-PATENT-CLASS-343-840
US-PATENT-3,594,803
N72-12408* c 15 ..... NASA-CASE-XLA-05966

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US-PATENT-CLASS-72-307
US-PATENT-3,584,660

N72-12409* c 15 ..... NASA-CASE-NPO-10637
US-PATENT-APPL-SN-851298
US-PATENT-CLASS-236-68
US-PATENT-CLASS-337-354
US-PATENT-CLASS-337-359
US-PATENT-CLASS-337-75
US-PATENT-CLASS-60-23
US-PATENT-3,591,960

N72-12440* c 16 ..... NASA-CASE-MFS-20180
US-PATENT-APPL-SN-863276
US-PATENT-CLASS-331-94.5
US-PATENT-CLASS-350-1
US-PATENT-CLASS-350-312
US-PATENT-3,593,194

N72-13437* c 16 ..... NASA-CASE-MFS-20125
US-PATENT-APPL-SN-830366
US-PATENT-CLASS-178-DIG.21
US-PATENT-CLASS-178-6
US-PATENT-CLASS-250-203X
US-PATENT-CLASS-356-152
US-PATENT-3,603,686

N72-15098*# c 05 ..... NASA-CASE-MSC-13917-1
US-PATENT-APPL-SN-198355

N72-15986* c 03 ..... NASA-CASE-XGS-10010
US-PATENT-APPL-SN-729299
US-PATENT-CLASS-136-133
US-PATENT-CLASS-136-135
US-PATENT-CLASS-136-6
US-PATENT-3,607,401

N72-16015* c 05 ..... NASA-CASE-KSC-10278
US-PATENT-APPL-SN-856327
US-PATENT-CLASS-324-66
US-PATENT-CLASS-340-279
US-PATENT-CLASS-35-8
US-PATENT-3,609,740

N72-16172* c 10 ..... NASA-CASE-ARC-10269-1
US-PATENT-APPL-SN-56791
US-PATENT-CLASS-307-230
US-PATENT-CLASS-307-262
US-PATENT-CLASS-328-155
US-PATENT-3,614,475

N72-16282* c 14 ..... NASA-CASE-LAR-10913
US-PATENT-APPL-SN-779160
US-PATENT-CLASS-73-12
US-PATENT-3,605,482

N72-16283* c 14 ..... NASA-CASE-GSC-10780-1
US-PATENT-APPL-SN-860493
US-PATENT-CLASS-82-24R
US-PATENT-3,608,409

N72-16329* c 15 ..... NASA-CASE-XLA-07829
US-PATENT-APPL-SN-763684
US-PATENT-CLASS-264-DIG.44
US-PATENT-CLASS-264-221
US-PATENT-CLASS-264-225
US-PATENT-CLASS-264-227
US-PATENT-3,608,046

N72-16330* c 15 ..... NASA-CASE-LAR-10203-1
US-PATENT-APPL-SN-769592
US-PATENT-CLASS-156-84
US-PATENT-CLASS-156-86
US-PATENT-3,607,495

N72-17093* c 06 ..... NASA-CASE-LEW-10794-1
US-PATENT-APPL-SN-33535
US-PATENT-CLASS-23-55
US-PATENT-CLASS-23-88
US-PATENT-CLASS-23-97
US-PATENT-3,607,015

N72-17094* c 06 ..... NASA-CASE-NPO-10234
US-PATENT-APPL-SN-800204
US-PATENT-CLASS-23-230R
US-PATENT-CLASS-23-232C
US-PATENT-CLASS-23-253PC
US-PATENT-CLASS-73-23.1
US-PATENT-3,607,076

N72-17095* c 06 ..... NASA-CASE-NPO-10774
US-PATENT-APPL-SN-848805
US-PATENT-CLASS-23-201
US-PATENT-CLASS-23-230
US-PATENT-CLASS-23-253
US-PATENT-CLASS-73-76
US-PATENT-3,607,080

N72-17109* c 07 ..... NASA-CASE-MSC-12146-1
US-PATENT-APPL-SN-50206
US-PATENT-CLASS-178-5.2R
US-PATENT-CLASS-178-5.4
US-PATENT-CLASS-178-6.7
US-PATENT-3,603,722

N72-17152* c 09 ..... NASA-CASE-ARC-10178-1
US-PATENT-APPL-SN-47443
US-PATENT-CLASS-250-211J
US-PATENT-3,603,798

N72-17153* c 09 ..... NASA-CASE-ARC-10105
US-PATENT-APPL-SN-887698
US-PATENT-CLASS-128-2.1A
US-PATENT-CLASS-307-252F
US-PATENT-CLASS-307-252J
US-PATENT-CLASS-325-492
US-PATENT-CLASS-340-177
US-PATENT-3,603,946

N72-17154* c 09 ..... NASA-CASE-ERC-10139
US-PATENT-APPL-SN-889555
US-PATENT-CLASS-321-10
US-PATENT-CLASS-336-178
US-PATENT-3,603,864

N72-17155* c 09 ..... NASA-CASE-NPO-11023
US-PATENT-APPL-SN-865274
US-PATENT-CLASS-330-18
US-PATENT-CLASS-330-40
US-PATENT-3,603,892

N72-17156* c 09 ..... NASA-CASE-NPO-10199
US-PATENT-APPL-SN-739391
US-PATENT-CLASS-178-7.1
US-PATENT-CLASS-330-11
US-PATENT-CLASS-330-35
US-PATENT-3,609,230

N72-17157* c 09 ..... NASA-CASE-NPO-11253
US-PATENT-APPL-SN-21906
US-PATENT-CLASS-307-223
US-PATENT-CLASS-307-227
US-PATENT-CLASS-307-81
US-PATENT-CLASS-328-186
US-PATENT-3,609,387

N72-17171* c 10 ..... NASA-CASE-XAC-05462-2
US-PATENT-APPL-SN-28235
US-PATENT-CLASS-307-295
US-PATENT-CLASS-328-167
US-PATENT-CLASS-330-109
US-PATENT-CLASS-330-176
US-PATENT-CLASS-333-70CR
US-PATENT-3,609,567

N72-17172* c 10 ..... NASA-CASE-ARC-10020
US-PATENT-APPL-SN-31885
US-PATENT-CLASS-330-107
US-PATENT-CLASS-330-109
US-PATENT-CLASS-330-26
US-PATENT-CLASS-330-31
US-PATENT-CLASS-330-94
US-PATENT-3,605,032

N72-17173* c 10 ..... NASA-CASE-MFS-13130
US-PATENT-APPL-SN-7868
US-PATENT-CLASS-250-209
US-PATENT-CLASS-250-83.3UV
US-PATENT-CLASS-340-228.2
US-PATENT-3,609,364

N72-17183* c 11 ..... NASA-CASE-MFS-20509
US-PATENT-APPL-SN-889557
US-PATENT-CLASS-73-147
US-PATENT-3,602,920

N72-17323* c 14 ..... NASA-CASE-ERC-10248
US-PATENT-APPL-SN-868445
US-PATENT-CLASS-350-162
US-PATENT-CLASS-356-113
US-PATENT-CLASS-356-209
US-PATENT-CLASS-356-244
US-PATENT-3,603,690

N72-17324* c 14 ..... NASA-CASE-MFS-20596
US-PATENT-APPL-SN-7867
US-PATENT-CLASS-350-3.5
US-PATENT-3,605,519

N72-17325* c 14 ..... NASA-CASE-MSC-15158-1
US-PATENT-APPL-SN-889479
US-PATENT-CLASS-324-52
US-PATENT-3,609,535

N72-17326* c 14 ..... NASA-CASE-XMS-01994-1
US-PATENT-APPL-SN-814212
US-PATENT-CLASS-356-4
US-PATENT-3,603,683

N72-17327* c 14 ..... NASA-CASE-LEW-10281-1
US-PATENT-APPL-SN-861649
US-PATENT-CLASS-73-198
US-PATENT-3,605,495

N72-17328* c 14 ..... NASA-CASE-XLA-07813
US-PATENT-APPL-SN-791364
US-PATENT-CLASS-250-207
US-PATENT-CLASS-250-41.9
US-PATENT-CLASS-250-49.5
US-PATENT-CLASS-250-71.5
US-PATENT-CLASS-250-83.3
US-PATENT-3,609,353

N72-17329* c 14 ..... NASA-CASE-FRC-10012
US-PATENT-APPL-SN-771216
US-PATENT-CLASS-73-194A
US-PATENT-3,611,801

N72-17450* c 15 ..... NASA-CASE-MSC-12279
US-PATENT-APPL-SN-24154
US-PATENT-CLASS-188-1C
US-PATENT-CLASS-188-129
US-PATENT-3,603,433

N72-17451* c 15 ..... NASA-CASE-WLP-10002
US-PATENT-APPL-SN-47062
US-PATENT-CLASS-180-125
US-PATENT-CLASS-180-127
US-PATENT-CLASS-308-DIG.1
US-PATENT-CLASS-308-5
US-PATENT-CLASS-308-9
US-PATENT-3,610,365

N72-17452* c 15 ..... NASA-CASE-XLA-10322
US-PATENT-APPL-SN-887699
US-PATENT-CLASS-73-88.5R
US-PATENT-3,608,365

N72-17453* c 15 ..... NASA-CASE-NPO-11177
US-PATENT-APPL-SN-20960
US-PATENT-CLASS-62-51
US-PATENT-3,605,424

N72-17454* c 15 ..... NASA-CASE-NPO-11059
US-PATENT-APPL-SN-864020
US-PATENT-CLASS-248-14
US-PATENT-3,606,979

N72-17455* c 15 ..... NASA-CASE-NPO-11140
US-PATENT-APPL-SN-15019
US-PATENT-CLASS-174-84
US-PATENT-CLASS-200-64
US-PATENT-CLASS-339-176M
US-PATENT-CLASS-339-278M
US-PATENT-CLASS-339-46
US-PATENT-CLASS-89-1.811
US-PATENT-3,611,274

N72-17532* c 18 ..... NASA-CASE-MFS-13532
US-PATENT-APPL-SN-720546
US-PATENT-CLASS-106-292
US-PATENT-CLASS-106-299
US-PATENT-3,607,338

N72-17747* c 23 ..... NASA-CASE-ERC-10089
US-PATENT-APPL-SN-791267
US-PATENT-CLASS-340-174AG
US-PATENT-CLASS-340-174CT
US-PATENT-CLASS-340-174GA
US-PATENT-CLASS-340-174SC
US-PATENT-3,611,330

N72-17820* c 26 ..... NASA-CASE-XER-08476-1
US-PATENT-APPL-SN-672388
US-PATENT-CLASS-148-187
US-PATENT-CLASS-29-578
US-PATENT-CLASS-29-589
US-PATENT-3,602,984

N72-17843* c 28 ..... NASA-CASE-NPO-10046
US-PATENT-APPL-SN-860635
US-PATENT-CLASS-60-258
US-PATENT-CLASS-60-39.74
US-PATENT-3,603,092

N72-17873* c 30 ..... NASA-CASE-ARC-10134
US-PATENT-APPL-SN-819898
US-PATENT-CLASS-244-3.21
US-PATENT-3,603,532

N72-17947* c 33 ..... NASA-CASE-MSC-12143-1
US-PATENT-APPL-SN-791268
US-PATENT-CLASS-102-105
US-PATENT-CLASS-161-67
US-PATENT-CLASS-244-117
US-PATENT-3,603,260

N72-17948* c 33 ..... NASA-CASE-NPO-10828
US-PATENT-APPL-SN-873260
US-PATENT-CLASS-165-105
US-PATENT-3,603,382

N72-18184* c 08 ..... NASA-CASE-NPO-10629
US-PATENT-APPL-SN-860751
US-PATENT-CLASS-178-50
US-PATENT-CLASS-178-66
US-PATENT-CLASS-179-15
US-PATENT-CLASS-235-154
US-PATENT-CLASS-340-347DD
US-PATENT-3,603,976

N72-18411* c 14 ..... NASA-CASE-KSC-10294
US-PATENT-APPL-SN-889556
US-PATENT-CLASS-307-311
US-PATENT-CLASS-346-107A
US-PATENT-CLASS-346-23
US-PATENT-CLASS-352-84
US-PATENT-CLASS-95-1.1
US-PATENT-3,603,974

N72-18477* c 15 ..... NASA-CASE-GSC-10566-1
US-PATENT-APPL-SN-889438
US-PATENT-CLASS-242-54
US-PATENT-CLASS-52-108
US-PATENT-3,608,844

N72-18766* c 28 ..... NASA-CASE-GSC-10640-1
US-PATENT-APPL-SN-17101
US-PATENT-CLASS-23-281
US-PATENT-CLASS-23-288
US-PATENT-CLASS-60-260
US-PATENT-3,603,093

N72-18859* c 31 ..... NASA-CASE-MSC-13281
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US-PATENT-CLASS-260-46.5G
US-PATENT-CLASS-260-46.5P
US-PATENT-3,666,718
N72-25152* c 06 ..... NASA-CASE-NPO-10863-2
US-PATENT-APPL-SN-145026
US-PATENT-CLASS-260-92.1
US-PATENT-3,663,521
N72-25170* c 07 ..... NASA-CASE-LAR-10513-1
US-PATENT-APPL-SN-64723
US-PATENT-CLASS-333-7
US-PATENT-CLASS-333-81R
US-PATENT-CLASS-333-98P
US-PATENT-CLASS-333-98R
US-PATENT-CLASS-333-98S
US-PATENT-3,649,935
N72-25171* c 07 ..... NASA-CASE-MFS-21042

US-PATENT-APPL-SN-86417
US-PATENT-CLASS-102-34.4
US-PATENT-CLASS-325-114
US-PATENT-CLASS-325-4
US-PATENT-CLASS-343-6.5R
US-PATENT-3,667,044

N72-25172* c 07 ..... NASA-CASE-NPO-11358
US-PATENT-APPL-SN-116786
US-PATENT-CLASS-179-15BV
US-PATENT-CLASS-340-172.5
US-PATENT-3,665,417

N72-25173* c 07 ..... NASA-CASE-ERC-10324
US-PATENT-APPL-SN-54270
US-PATENT-CLASS-178-69.5
US-PATENT-CLASS-325-141
US-PATENT-CLASS-325-302
US-PATENT-CLASS-325-325
US-PATENT-CLASS-325-38
US-PATENT-CLASS-325-51
US-PATENT-CLASS-325-55
US-PATENT-CLASS-325-58
US-PATENT-CLASS-325-64
US-PATENT-CLASS-340-167
US-PATENT-3,665,313

N72-25174* c 07 ..... NASA-CASE-NPO-11264
US-PATENT-APPL-SN-36531
US-PATENT-CLASS-343-762
US-PATENT-CLASS-343-777
US-PATENT-CLASS-343-779
US-PATENT-CLASS-343-786
US-PATENT-CLASS-343-853
US-PATENT-3,665,481

N72-25206* c 08 ..... NASA-CASE-KSC-10397
US-PATENT-APPL-SN-25488
US-PATENT-CLASS-235-154
US-PATENT-CLASS-340-347DA
US-PATENT-3,648,275

N72-25207* c 08 ..... NASA-CASE-NPO-11161
US-PATENT-APPL-SN-889374
US-PATENT-CLASS-340-146.1
US-PATENT-CLASS-340-172.5
US-PATENT-3,648,256

N72-25208* c 08 ..... NASA-CASE-NPO-11338
US-PATENT-APPL-SN-89212
US-PATENT-CLASS-178-50
US-PATENT-CLASS-179-15BC
US-PATENT-CLASS-179-15FD
US-PATENT-CLASS-325-62
US-PATENT-CLASS-332-21
US-PATENT-3,659,053

N72-25209* c 08 ..... NASA-CASE-NPO-11194
US-PATENT-APPL-SN-63532
US-PATENT-CLASS-343-12R
US-PATENT-CLASS-343-14
US-PATENT-CLASS-343-6.5R
US-PATENT-3,659,292

N72-25210* c 08 ..... NASA-CASE-NPO-10636
US-PATENT-APPL-SN-77221
US-PATENT-CLASS-235-152
US-PATENT-CLASS-340-146.1AL
US-PATENT-3,662,337

N72-25247* c 09 ..... NASA-CASE-LAR-10163-1
US-PATENT-APPL-SN-73310
US-PATENT-CLASS-343-708
US-PATENT-CLASS-343-771
US-PATENT-CLASS-343-873
US-PATENT-3,653,052

N72-25248* c 09 ..... NASA-CASE-NPO-11342
US-PATENT-APPL-SN-89209
US-PATENT-CLASS-340-172.5
US-PATENT-CLASS-340-324A
US-PATENT-3,648,250

N72-25249* c 09 ..... NASA-CASE-GSC-10656-1
US-PATENT-APPL-SN-59969
US-PATENT-CLASS-321-2
US-PATENT-CLASS-323-DIG.1
US-PATENT-CLASS-323-17
US-PATENT-CLASS-323-22T
US-PATENT-3,621,372

N72-25250* c 09 ..... NASA-CASE-KSC-10565
US-PATENT-APPL-SN-98517
US-PATENT-CLASS-315-135
US-PATENT-CLASS-315-349
US-PATENT-CLASS-330-2
US-PATENT-CLASS-330-59
US-PATENT-CLASS-340-332
US-PATENT-3,659,148

N72-25251* c 09 ..... NASA-CASE-ERC-10048
US-PATENT-APPL-SN-10329
US-PATENT-CLASS-307-261
US-PATENT-CLASS-321-18
US-PATENT-CLASS-321-2
US-PATENT-3,659,184

N72-25252* c 09 ..... NASA-CASE-ERC-10268
US-PATENT-APPL-SN-39342
US-PATENT-CLASS-321-11
US-PATENT-CLASS-321-18
US-PATENT-CLASS-321-19
US-PATENT-CLASS-321-2
US-PATENT-CLASS-321-45ER
US-PATENT-CLASS-321-45R
US-PATENT-3,663,940

N72-25253* c 09 ..... NASA-CASE-GSC-11126-1
US-PATENT-APPL-SN-98640
US-PATENT-CLASS-321-2
US-PATENT-CLASS-321-47
US-PATENT-CLASS-331-113A
US-PATENT-3,663,941

N72-25254* c 09 ..... NASA-CASE-NPO-10760
US-PATENT-APPL-SN-129071
US-PATENT-CLASS-321-2
US-PATENT-CLASS-321-45R
US-PATENT-CLASS-331-113A
US-PATENT-3,663,944

N72-25255* c 09 ..... NASA-CASE-LAR-10620-1
US-PATENT-APPL-SN-125979
US-PATENT-CLASS-310-10
US-PATENT-CLASS-310-15
US-PATENT-3,663,843

N72-25256* c 09 ..... NASA-CASE-XLA-02609
US-PATENT-APPL-SN-41347
US-PATENT-CLASS-333-79
US-PATENT-CLASS-339-143R
US-PATENT-CLASS-339-147R
US-PATENT-3,663,929

N72-25257* c 09 ..... NASA-CASE-MSC-12395
US-PATENT-APPL-SN-134573
US-PATENT-CLASS-307-233
US-PATENT-CLASS-324-186
US-PATENT-CLASS-324-78D
US-PATENT-CLASS-328-136
US-PATENT-CLASS-328-140
US-PATENT-3,663,885

N72-25258* c 09 ..... NASA-CASE-LAR-10253-1
US-PATENT-APPL-SN-99175
US-PATENT-CLASS-307-88.3
US-PATENT-CLASS-330-4.5
US-PATENT-3,663,886

N72-25259* c 09 ..... NASA-CASE-GSC-10695-1
US-PATENT-APPL-SN-889422
US-PATENT-CLASS-117-200
US-PATENT-CLASS-136-89
US-PATENT-CLASS-29-198
US-PATENT-3,664,874

N72-25260* c 09 ..... NASA-CASE-NPO-11283
US-PATENT-APPL-SN-118270
US-PATENT-CLASS-310-4
US-PATENT-3,663,839

N72-25261* c 09 ..... NASA-CASE-ERC-10224
US-PATENT-APPL-SN-868775
US-PATENT-CLASS-29-492
US-PATENT-CLASS-29-497
US-PATENT-CLASS-29-498
US-PATENT-CLASS-29-502
US-PATENT-CLASS-29-589
US-PATENT-CLASS-29-628
US-PATENT-3,665,589

N72-25262* c 09 ..... NASA-CASE-NPO-11078
US-PATENT-APPL-SN-82280
US-PATENT-CLASS-307-103
US-PATENT-CLASS-307-83
US-PATENT-CLASS-323-48
US-PATENT-CLASS-323-82
US-PATENT-3,663,828

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US-PATENT-APPL-SN-874177
US-PATENT-CLASS-195-127
US-PATENT-3,649,462

N72-25287* c 11 ..... NASA-CASE-LAR-10546-1
US-PATENT-APPL-SN-32664
US-PATENT-CLASS-287-54A
US-PATENT-CLASS-52-648
US-PATENT-CLASS-52-655
US-PATENT-3,665,670

N72-25288* c 11 ..... NASA-CASE-MFS-20434
US-PATENT-APPL-SN-55534
US-PATENT-CLASS-73-140
US-PATENT-CLASS-73-161
US-PATENT-3,665,758

N72-25292* c 12 ..... NASA-CASE-NPO-11556
US-PATENT-APPL-SN-82648
US-PATENT-CLASS-210-188
US-PATENT-CLASS-310-11
US-PATENT-3,648,083

N72-25323* c 13 ..... NASA-CASE-NPO-11373
US-PATENT-APPL-SN-81095
US-PATENT-CLASS-73-421.5R
US-PATENT-CLASS-73-422GC
US-PATENT-CLASS-73-422TC
US-PATENT-3,662,604

N72-25409* c 14 ..... NASA-CASE-ERC-10174
US-PATENT-APPL-SN-39344
US-PATENT-CLASS-250-209
US-PATENT-CLASS-250-226
US-PATENT-CLASS-250-83.3UV
US-PATENT-CLASS-350-203
US-PATENT-3,657,549

N72-25410* c 14 ..... NASA-CASE-ERC-10292
US-PATENT-APPL-SN-45519
US-PATENT-CLASS-350-160R
US-PATENT-CLASS-73-515
US-PATENT-CLASS-73-521
US-PATENT-3,657,928

N72-25411* c 14 ..... NASA-CASE-MSC-15626-1
US-PATENT-APPL-SN-94374
US-PATENT-CLASS-116-114AH
US-PATENT-CLASS-73-12
US-PATENT-CLASS-73-492
US-PATENT-3,656,352

N72-25412* c 14 ..... NASA-CASE-MFS-15063
US-PATENT-APPL-SN-51477
US-PATENT-CLASS-178-DIG.8
US-PATENT-CLASS-178-6.8
US-PATENT-CLASS-340-227R
US-PATENT-3,659,043

N72-25413* c 14 ..... NASA-CASE-GSC-10879-1
US-PATENT-APPL-SN-889420
US-PATENT-CLASS-195-127
US-PATENT-3,666,631

N72-25414* c 14 ..... NASA-CASE-NPO-11311
US-PATENT-APPL-SN-57252
US-PATENT-CLASS-178-7.92
US-PATENT-CLASS-350-175FS
US-PATENT-3,663,753

N72-25428* # c 14 ..... NASA-CASE-HQN-10756-1
US-PATENT-APPL-SN-236052

N72-25447* c 15 ..... NASA-CASE-LEW-10489-1
US-PATENT-APPL-SN-889682
US-PATENT-CLASS-117-107
US-PATENT-CLASS-117-211
US-PATENT-CLASS-117-217
US-PATENT-CLASS-117-62
US-PATENT-CLASS-117-93.16D
US-PATENT-CLASS-29-599
US-PATENT-3,649,356

N72-25448* c 15 ..... NASA-CASE-LEW-10450-1
US-PATENT-APPL-SN-880271
US-PATENT-CLASS-75-0.5BB
US-PATENT-CLASS-75-206
US-PATENT-CLASS-75-213
US-PATENT-3,649,242

N72-25450* c 15 ..... NASA-CASE-NPO-11202
US-PATENT-APPL-SN-66004
US-PATENT-CLASS-285-DIG.21
US-PATENT-CLASS-285-3
US-PATENT-CLASS-285-316
US-PATENT-CLASS-285-33
US-PATENT-CLASS-339-45M
US-PATENT-CLASS-339-91B
US-PATENT-3,656,781

N72-25451* c 15 ..... NASA-CASE-NPO-10606
US-PATENT-APPL-SN-8636
US-PATENT-CLASS-251-360
US-PATENT-3,658,295

N72-25452* c 15 ..... NASA-CASE-LEW-10965-1
US-PATENT-APPL-SN-876588
US-PATENT-CLASS-117-124C
US-PATENT-CLASS-117-152
US-PATENT-CLASS-117-16R
US-PATENT-CLASS-117-37
US-PATENT-CLASS-117-47R
US-PATENT-CLASS-117-62
US-PATENT-CLASS-117-93.3
US-PATENT-CLASS-204-157.18AG
US-PATENT-CLASS-204-49
US-PATENT-CLASS-250-65F
US-PATENT-CLASS-96-36.2
US-PATENT-3,658,569

N72-25453* c 15 ..... NASA-CASE-KSC-10513
US-PATENT-APPL-SN-61535
US-PATENT-CLASS-187-1
US-PATENT-CLASS-187-20
US-PATENT-CLASS-187-95
US-PATENT-CLASS-254-190
US-PATENT-3,666,051

N72-25454* c 15 ..... NASA-CASE-MSC-12233-1
US-PATENT-APPL-SN-73422
US-PATENT-CLASS-52-169
US-PATENT-CLASS-52-173
US-PATENT-CLASS-52-594
US-PATENT-3,665,669

N72-25455* c 15 ..... NASA-CASE-NPO-11095
US-PATENT-APPL-SN-19585
US-PATENT-CLASS-239-424
US-PATENT-CLASS-60-258
US-PATENT-CLASS-60-39.74A
US-PATENT-3,662,547

N72-25456* c 15 ..... NASA-CASE-NPO-11222

US-PATENT-APPL-SN-796685
US-PATENT-CLASS-106-39
US-PATENT-CLASS-106-46
US-PATENT-CLASS-117-212
US-PATENT-CLASS-117-217
US-PATENT-CLASS-29-25.42
US-PATENT-3,649,353

N72-29172* c 09 ..... NASA-CASE-LAR-10511-1
US-PATENT-APPL-SN-41345
US-PATENT-CLASS-333-24R
US-PATENT-CLASS-333-98P
US-PATENT-CLASS-333-98R
US-PATENT-3,676,809

N72-29464* c 14 ..... NASA-CASE-ARC-10017-1
US-PATENT-APPL-SN-55536
US-PATENT-CLASS-250-41.9D
US-PATENT-CLASS-250-71.5R
US-PATENT-CLASS-313-356
US-PATENT-3,676,674

N72-29488* c 15 ..... NASA-CASE-XLE-10326-2
US-PATENT-APPL-SN-54540
US-PATENT-APPL-SN-723465
US-PATENT-CLASS-277-25
US-PATENT-CLASS-277-27
US-PATENT-CLASS-277-74
US-PATENT-3,675,935

N72-31140* c 06 ..... NASA-CASE-MSC-13335-1
US-PATENT-APPL-SN-55806
US-PATENT-CLASS-55-16
US-PATENT-CLASS-55-55
US-PATENT-3,678,654

N72-31141* c 06 ..... NASA-CASE-ARC-10308-1
US-PATENT-APPL-SN-134568
US-PATENT-CLASS-250-43.5R
US-PATENT-CLASS-356-51
US-PATENT-3,679,899

N72-31226* c 08 ..... NASA-CASE-NPO-11016
US-PATENT-APPL-SN-889584
US-PATENT-CLASS-235-150.1
US-PATENT-CLASS-235-151.1
US-PATENT-CLASS-235-92MT
US-PATENT-CLASS-323-19
US-PATENT-CLASS-340-347AD
US-PATENT-3,681,581

N72-31235* c 09 ..... NASA-CASE-ERC-10214
US-PATENT-APPL-SN-863914
US-PATENT-CLASS-343-770
US-PATENT-CLASS-343-771
US-PATENT-CLASS-343-786
US-PATENT-CLASS-343-797
US-PATENT-CLASS-343-853
US-PATENT-3,680,142

N72-31273* c 10 ..... NASA-CASE-KSC-10647-1
US-PATENT-APPL-SN-774691
US-PATENT-CLASS-178-7.5E
US-PATENT-CLASS-315-22R
US-PATENT-CLASS-315-30R
US-PATENT-CLASS-330-27R
US-PATENT-3,678,191

N72-31446* c 14 ..... NASA-CASE-ERC-10087-2
US-PATENT-APPL-SN-738315
US-PATENT-APPL-SN-91642
US-PATENT-CLASS-29-588
US-PATENT-CLASS-317-234D
US-PATENT-CLASS-317-234G
US-PATENT-CLASS-317-235M
US-PATENT-CLASS-317-235R
US-PATENT-3,686,542

N72-31483* c 15 ..... NASA-CASE-LAR-10061-1
US-PATENT-APPL-SN-104047
US-PATENT-CLASS-251-331
US-PATENT-CLASS-251-86
US-PATENT-3,680,830

N72-31637* c 21 ..... NASA-CASE-GSC-10945-1
US-PATENT-APPL-SN-75431
US-PATENT-CLASS-60-23
US-PATENT-CLASS-60-26
US-PATENT-3,678,685

N72-32169* c 07 ..... NASA-CASE-NPO-11361
US-PATENT-APPL-SN-112988
US-PATENT-CLASS-343-781
US-PATENT-CLASS-343-837
US-PATENT-CLASS-343-840
US-PATENT-CLASS-343-915
US-PATENT-3,680,144

N72-32452* c 14 ..... NASA-CASE-MFS-15162
US-PATENT-APPL-SN-100639
US-PATENT-CLASS-350-79
US-PATENT-CLASS-356-241
US-PATENT-3,694,094

N72-32487* c 15 ..... NASA-CASE-LAR-10541-1
US-PATENT-APPL-SN-138229
US-PATENT-CLASS-118-49.1
US-PATENT-CLASS-204-298
US-PATENT-CLASS-219-121P
US-PATENT-CLASS-219-273
US-PATENT-3,690,291

N72-32688* c 25 ..... NASA-CASE-MFS-20589
US-PATENT-APPL-SN-103077
US-PATENT-CLASS-313-231
US-PATENT-CLASS-315-111
US-PATENT-3,693,002

N72-33072* c 04 ..... NASA-CASE-ERC-10338
US-PATENT-APPL-SN-50339
US-PATENT-CLASS-23-109
US-PATENT-3,679,360

N72-33096* c 05 ..... NASA-CASE-MSC-13540-1
US-PATENT-APPL-SN-68023
US-PATENT-CLASS-99-80PS
US-PATENT-3,692,533

N72-33146* c 07 ..... NASA-CASE-MSC-12259-2
US-PATENT-APPL-SN-61895
US-PATENT-APPL-SN-853763
US-PATENT-CLASS-325-373
US-PATENT-3,694,753

N72-33172* c 08 ..... NASA-CASE-NPO-11630
US-PATENT-APPL-SN-143078
US-PATENT-CLASS-179-15.55R
US-PATENT-3,694,581

N72-33204* c 09 ..... NASA-CASE-NPO-11129
US-PATENT-APPL-SN-883523
US-PATENT-CLASS-307-262
US-PATENT-CLASS-307-295
US-PATENT-CLASS-328-155
US-PATENT-CLASS-328-24
US-PATENT-3,621,406

N72-33205* c 09 ..... NASA-CASE-GSC-10835-1
US-PATENT-APPL-SN-116778
US-PATENT-CLASS-317-101A
US-PATENT-CLASS-317-235
US-PATENT-CLASS-317-235A
US-PATENT-CLASS-317-235AJ
US-PATENT-3,694,700

N72-33230* c 10 ..... NASA-CASE-GSC-11340-1
US-PATENT-APPL-SN-107379
US-PATENT-CLASS-330-12
US-PATENT-CLASS-331-115
US-PATENT-CLASS-331-116R
US-PATENT-CLASS-333-80T
US-PATENT-3,693,105

N72-33377* c 14 ..... NASA-CASE-MFS-20760
US-PATENT-APPL-SN-99174
US-PATENT-CLASS-73-141AB
US-PATENT-CLASS-73-85
US-PATENT-3,693,418

N72-33476* c 15 ..... NASA-CASE-XGS-07805
US-PATENT-APPL-SN-104884
US-PATENT-CLASS-308-10
US-PATENT-3,694,041

N72-33477* c 15 ..... NASA-CASE-NPO-11340
US-PATENT-APPL-SN-147997
US-PATENT-CLASS-137-13
US-PATENT-CLASS-137-81.5
US-PATENT-CLASS-60-1
US-PATENT-CLASS-60-36
US-PATENT-3,693,346

N72-33681* c 24 ..... NASA-CASE-LEW-10518-1
US-PATENT-APPL-SN-863280
US-PATENT-CLASS-176-11
US-PATENT-3,694,313

N72-33696* c 25 ..... NASA-CASE-GSC-11291-1
US-PATENT-APPL-SN-102412
US-PATENT-CLASS-250-83.6R
US-PATENT-3,694,655

N73-12175* c 08 ..... NASA-CASE-NPO-11406
US-PATENT-APPL-SN-95183
US-PATENT-CLASS-235-152
US-PATENT-CLASS-331-78
US-PATENT-CLASS-340-146.1AL
US-PATENT-3,700,869

N73-12176* c 08 ..... NASA-CASE-KSC-10595
US-PATENT-APPL-SN-98772
US-PATENT-CLASS-235-155
US-PATENT-CLASS-340-347DD
US-PATENT-3,697,733

N73-12177* c 08 ..... NASA-CASE-NPO-11371
US-PATENT-APPL-SN-117575
US-PATENT-CLASS-340-146.1AQ
US-PATENT-CLASS-340-146.1AV
US-PATENT-3,697,950

N73-12211* c 09 ..... NASA-CASE-ERC-10412-1
US-PATENT-APPL-SN-72024
US-PATENT-CLASS-343-11R
US-PATENT-CLASS-343-11VB
US-PATENT-CLASS-343-5DP
US-PATENT-3,696,418

N73-12214* # c 09 ..... NASA-CASE-NPO-13091-1
US-PATENT-APPL-SN-290022

N73-12244* c 10 ..... NASA-CASE-NPO-11631
US-PATENT-APPL-SN-123253
US-PATENT-CLASS-179-1P
US-PATENT-CLASS-325-473
US-PATENT-CLASS-325-480
US-PATENT-3,700,812

N73-12264* c 11 ..... NASA-CASE-LAR-10348-1
US-PATENT-APPL-SN-70032
US-PATENT-CLASS-73-147
US-PATENT-3,695,101

N73-12265* c 11 ..... NASA-CASE-NPO-10890
US-PATENT-APPL-SN-99903
US-PATENT-CLASS-137-559
US-PATENT-CLASS-219-203
US-PATENT-CLASS-219-522
US-PATENT-CLASS-52-171
US-PATENT-3,696,833

N73-12444* c 14 ..... NASA-CASE-GSC-10903-1
US-PATENT-APPL-SN-114846
US-PATENT-CLASS-250-41.9G
US-PATENT-CLASS-250-41.9S
US-PATENT-CLASS-73-421.5
US-PATENT-3,700,893

N73-12445* c 14 ..... NASA-CASE-LAR-10728-1
US-PATENT-APPL-SN-112998
US-PATENT-CLASS-250-83.3H
US-PATENT-CLASS-250-83.3R
US-PATENT-CLASS-250-83R
US-PATENT-3,700,897

N73-12446* c 14 ..... NASA-CASE-NPO-11239
US-PATENT-APPL-SN-89211
US-PATENT-CLASS-356-106
US-PATENT-CLASS-356-114
US-PATENT-3,700,334

N73-12447* c 14 ..... NASA-CASE-NPO-11493
US-PATENT-APPL-SN-151413
US-PATENT-CLASS-136-224
US-PATENT-3,700,503

N73-12486* c 15 ..... NASA-CASE-KSC-10615
US-PATENT-APPL-SN-103078
US-PATENT-CLASS-244-1SB
US-PATENT-CLASS-244-135
US-PATENT-CLASS-62-45
US-PATENT-CLASS-62-7
US-PATENT-3,697,021

N73-12487* c 15 ..... NASA-CASE-FRC-10019
US-PATENT-APPL-SN-880398
US-PATENT-CLASS-204-192
US-PATENT-3,700,575

N73-12488* c 15 ..... NASA-CASE-ARC-10345-1
US-PATENT-APPL-SN-193671
US-PATENT-CLASS-287-85R
US-PATENT-CLASS-308-2A
US-PATENT-CLASS-74-5F
US-PATENT-3,700,291

N73-12489* c 15 ..... NASA-CASE-MSC-12357
US-PATENT-APPL-SN-662763
US-PATENT-CLASS-264-102
US-PATENT-CLASS-264-28
US-PATENT-CLASS-264-36
US-PATENT-CLASS-264-40
US-PATENT-3,697,630

N73-12492* # c 15 ..... NASA-CASE-XLA-08914
US-PATENT-APPL-SN-810576

N73-12495* # c 15 ..... NASA-CASE-NPO-13086-1
US-PATENT-APPL-SN-292477

N73-12547* c 17 ..... NASA-CASE-LAR-10539-1
US-PATENT-APPL-SN-136085
US-PATENT-CLASS-23-230R
US-PATENT-3,701,631

N73-12604* c 18 ..... NASA-CASE-MFS-20408
US-PATENT-APPL-SN-71048
US-PATENT-CLASS-161-93
US-PATENT-3,700,538

N73-12884* c 30 ..... NASA-CASE-MSC-12391
US-PATENT-APPL-SN-106465
US-PATENT-CLASS-244-155
US-PATENT-3,700,193

N73-13008* c 02 ..... NASA-CASE-GSC-11077-1
US-PATENT-APPL-SN-127618
US-PATENT-CLASS-244-32
US-PATENT-3,698,667

N73-13114* c 05 ..... NASA-CASE-MSC-13604-1
US-PATENT-APPL-SN-78717
US-PATENT-CLASS-128-2N
US-PATENT-CLASS-273-1E
US-PATENT-CLASS-35-22R
US-PATENT-3,698,385

N73-13128* c 06 ..... NASA-CASE-GSC-11214-1
US-PATENT-APPL-SN-115134
US-PATENT-CLASS-117-35R
US-PATENT-3,702,775

N73-13129* c 06 ..... NASA-CASE-XNP-08124-2
US-PATENT-APPL-SN-97829
US-PATENT-CLASS-75-66
US-PATENT-3,702,762

N73-13149* c 07 ..... NASA-CASE-NPO-11302-1
US-PATENT-APPL-SN-70967
US-PATENT-CLASS-178-69.5
US-PATENT-CLASS-235-150.53

US-PATENT-APPL-SN-87551
US-PATENT-CLASS-204-324
US-PATENT-CLASS-204-325
US-PATENT-CLASS-204-328
US-PATENT-3,708,419

N73-19004* c 02 ..... NASA-CASE-ERC-10439
US-PATENT-APPL-SN-54271
US-PATENT-CLASS-244-17.13
US-PATENT-CLASS-244-77D
US-PATENT-CLASS-318-489
US-PATENT-3,711,042

N73-19234* c 09 ..... NASA-CASE-GSC-11013-1
US-PATENT-APPL-SN-200717
US-PATENT-CLASS-343-754
US-PATENT-CLASS-343-839
US-PATENT-CLASS-343-854
US-PATENT-CLASS-343-895
US-PATENT-3,713,163

N73-19235* c 09 ..... NASA-CASE-MFS-20407
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US-PATENT-CLASS-317-235AM
US-PATENT-CLASS-317-235N
US-PATENT-CLASS-317-235R
US-PATENT-CLASS-317-235T
US-PATENT-CLASS-317-235UA
US-PATENT-3,714,526

N73-19419* c 14 ..... NASA-CASE-LAR-10226-1
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US-PATENT-CLASS-95-11.5R
US-PATENT-CLASS-95-11R
US-PATENT-3,712,195

N73-19420* c 14 ..... NASA-CASE-MFS-20774
US-PATENT-APPL-SN-161028
US-PATENT-CLASS-73-84
US-PATENT-3,712,121

N73-19421* c 14 ..... NASA-CASE-MFS-20242
US-PATENT-APPL-SN-213004
US-PATENT-CLASS-73-71.6
US-PATENT-3,712,120

N73-19457* c 15 ..... NASA-CASE-MFS-20698-2
US-PATENT-APPL-SN-136086
US-PATENT-APPL-SN-3418
US-PATENT-CLASS-423-446
US-PATENT-CLASS-423-625
US-PATENT-3,714,332

N73-19458* c 15 ..... NASA-CASE-LAR-10195-1
US-PATENT-APPL-SN-201782
US-PATENT-CLASS-259-4
US-PATENT-3,712,591

N73-19630*# c 21 ..... NASA-CASE-GSC-11188-2
US-PATENT-APPL-SN-244440

N73-19793* c 28 ..... NASA-CASE-LEW-11187-1
US-PATENT-APPL-SN-147922
US-PATENT-CLASS-60-39.28R
US-PATENT-3,713,290

N73-20039* c 03 ..... NASA-CASE-GSC-10814-1
US-PATENT-APPL-SN-41404
US-PATENT-CLASS-244-1SA
US-PATENT-CLASS-244-1SS
US-PATENT-3,715,092

N73-20040* c 03 ..... NASA-CASE-NPO-11771
US-PATENT-APPL-SN-200762
US-PATENT-CLASS-244-1.55
US-PATENT-CLASS-250-212
US-PATENT-CLASS-250-234
US-PATENT-CLASS-60-26
US-PATENT-3,715,600

N73-20137* c 05 ..... NASA-CASE-LAR-10076-1
US-PATENT-APPL-SN-84290
US-PATENT-CLASS-165-46
US-PATENT-CLASS-312-1
US-PATENT-CLASS-62-259
US-PATENT-3,713,480

N73-20174* c 07 ..... NASA-CASE-GSC-10087-4
US-PATENT-APPL-SN-47440
US-PATENT-APPL-SN-701679
US-PATENT-CLASS-325-12
US-PATENT-CLASS-325-17
US-PATENT-CLASS-325-4
US-PATENT-CLASS-325-5
US-PATENT-CLASS-325-63
US-PATENT-CLASS-325-7
US-PATENT-CLASS-325-8
US-PATENT-CLASS-325-9
US-PATENT-CLASS-343-179
US-PATENT-3,715,663

N73-20175* c 07 ..... NASA-CASE-KSC-10698
US-PATENT-APPL-SN-213949
US-PATENT-CLASS-324-72
US-PATENT-CLASS-73-170R
US-PATENT-3,715,660

N73-20176* c 07 ..... NASA-CASE-KSC-10521
US-PATENT-APPL-SN-212921
US-PATENT-CLASS-340-146.1C
US-PATENT-CLASS-340-147R
US-PATENT-CLASS-340-163
US-PATENT-3,715,723

N73-20217* c 08 ..... NASA-CASE-LAR-10128-1
US-PATENT-APPL-SN-84002
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US-PATENT-CLASS-235-92R
US-PATENT-CLASS-235-92T
US-PATENT-CLASS-340-347AD
US-PATENT-3,714,645

N73-20231* c 09 ..... NASA-CASE-ARC-10264-1
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US-PATENT-CLASS-328-167
US-PATENT-CLASS-330-109
US-PATENT-CLASS-330-86
US-PATENT-3,714,588

N73-20232* c 09 ..... NASA-CASE-MFS-21433
US-PATENT-APPL-SN-236281
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US-PATENT-CLASS-307-304
US-PATENT-CLASS-330-20
US-PATENT-CLASS-330-22
US-PATENT-CLASS-330-30D
US-PATENT-CLASS-330-35
US-PATENT-CLASS-330-40
US-PATENT-CLASS-330-80T
US-PATENT-3,715,693

N73-20253* c 10 ..... NASA-CASE-LAR-10310-1
US-PATENT-APPL-SN-147103
US-PATENT-CLASS-235-197
US-PATENT-3,714,405

N73-20254* c 10 ..... NASA-CASE-NPO-11868
US-PATENT-APPL-SN-192101
US-PATENT-CLASS-307-221R
US-PATENT-CLASS-328-187
US-PATENT-CLASS-328-37
US-PATENT-CLASS-328-61
US-PATENT-3,718,863

N73-20267* c 11 ..... NASA-CASE-MFS-21362
US-PATENT-APPL-SN-211411
US-PATENT-CLASS-73-432SD
US-PATENT-3,714,833

N73-20474* c 14 ..... NASA-CASE-ERC-10350
US-PATENT-APPL-SN-55535
US-PATENT-CLASS-340-27R
US-PATENT-3,714,624

N73-20475* c 14 ..... NASA-CASE-LAR-10726-1
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US-PATENT-CLASS-250-231
US-PATENT-CLASS-250-83.3H
US-PATENT-3,714,432

N73-20476* c 14 ..... NASA-CASE-MFS-20673
US-PATENT-APPL-SN-94049
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US-PATENT-CLASS-73-91
US-PATENT-3,714,821

N73-20477* c 14 ..... NASA-CASE-ARC-10443-1
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US-PATENT-CLASS-250-83R
US-PATENT-3,715,590

N73-20478* c 14 ..... NASA-CASE-NPO-10985
US-PATENT-APPL-SN-74759
US-PATENT-CLASS-324-30R
US-PATENT-CLASS-324-65P
US-PATENT-CLASS-73-194E
US-PATENT-3,712,132

N73-20514* c 15 ..... NASA-CASE-NPO-11213
US-PATENT-APPL-SN-78703
US-PATENT-CLASS-195-127
US-PATENT-3,713,987

N73-20740* c 32 ..... NASA-CASE-LAR-10765-1
US-PATENT-APPL-SN-138230
US-PATENT-CLASS-356-32
US-PATENT-CLASS-73-88A
US-PATENT-3,715,915

N73-20741* c 23 ..... NASA-CASE-ARC-10194-1
US-PATENT-APPL-SN-107659
US-PATENT-CLASS-350-202
US-PATENT-3,715,152

N73-22076*# c 07 ..... NASA-CASE-NPO-10166-1
US-PATENT-APPL-SN-192803

N73-22710* c 27 ..... NASA-CASE-NPO-10893
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US-PATENT-CLASS-260-94.8
US-PATENT-3,634,383

N73-24176* c 07 ..... NASA-CASE-NPO-11751
US-PATENT-APPL-SN-192141
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US-PATENT-CLASS-343-915
US-PATENT-3,729,743

N73-24472* c 14 ..... NASA-CASE-LEW-11072-1
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US-PATENT-CLASS-136-225
US-PATENT-3,729,343

N73-24473* c 14 ..... NASA-CASE-MFS-20418
US-PATENT-APPL-SN-162101
US-PATENT-CLASS-128-206F
US-PATENT-CLASS-324-78E
US-PATENT-3,729,676

N73-24513* c 15 ..... NASA-CASE-NPO-11417
US-PATENT-APPL-SN-120241
US-PATENT-CLASS-417-391
US-PATENT-CLASS-60-25
US-PATENT-3,732,040

N73-24569* c 17 ..... NASA-CASE-LEW-10920-1
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US-PATENT-CLASS-204-192
US-PATENT-3,732,158

N73-24783* c 28 ..... NASA-CASE-NPO-11880
US-PATENT-APPL-SN-209535
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US-PATENT-CLASS-313-231
US-PATENT-CLASS-313-63
US-PATENT-CLASS-60-202
US-PATENT-3,313,204
US-PATENT-3,728,861

N73-24784* c 28 ..... NASA-CASE-NPO-11559
US-PATENT-APPL-SN-147996
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US-PATENT-CLASS-102-49.8
US-PATENT-CLASS-60-254
US-PATENT-CLASS-60-256
US-PATENT-3,729,935

N73-25125* c 05 ..... NASA-CASE-MFS-20332-2
US-PATENT-APPL-SN-195061
US-PATENT-APPL-SN-869260
US-PATENT-CLASS-128-142.5
US-PATENT-CLASS-137-538
US-PATENT-CLASS-2-2.1A
US-PATENT-3,720,208

N73-25160* c 07 ..... NASA-CASE-ARC-10097-2
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US-PATENT-APPL-SN-768662
US-PATENT-CLASS-325-113
US-PATENT-CLASS-325-139
US-PATENT-CLASS-325-45
US-PATENT-CLASS-325-61
US-PATENT-CLASS-340-207
US-PATENT-CLASS-340-258R
US-PATENT-3,719,891

N73-25161* c 07 ..... NASA-CASE-NPO-11707
US-PATENT-APPL-SN-196399
US-PATENT-CLASS-343-6.5R
US-PATENT-CLASS-343-6.8R
US-PATENT-3,729,736

N73-25206* c 08 ..... NASA-CASE-NPO-11497
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US-PATENT-CLASS-235-151.27
US-PATENT-CLASS-235-92CV
US-PATENT-CLASS-235-92DN
US-PATENT-CLASS-235-92EA
US-PATENT-CLASS-235-92EV
US-PATENT-CLASS-235-92R
US-PATENT-3,729,129

N73-25240* c 10 ..... NASA-CASE-MSC-12428-1
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US-PATENT-CLASS-235-151.31
US-PATENT-CLASS-324-77R
US-PATENT-CLASS-324-78J
US-PATENT-3,732,405

N73-25241* c 10 ..... NASA-CASE-GSC-11239-1
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US-PATENT-CLASS-325-363
US-PATENT-CLASS-325-67
US-PATENT-3,737,781

N73-25243* c 10 ..... NASA-CASE-MFS-21919-1
US-PATENT-APPL-SN-193456
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US-PATENT-CLASS-317-101DH
US-PATENT-3,735,206

N73-25262* c 12 ..... NASA-CASE-LAR-10578-1
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US-PATENT-3,731,528

N73-25460* c 14 ..... NASA-CASE-MFS-20916
US-PATENT-APPL-SN-212165
US-PATENT-CLASS-73-189
US-PATENT-3,731,531

N73-25461* c 14 ..... NASA-CASE-KSC-10108
US-PATENT-APPL-SN-73922
US-PATENT-CLASS-343-14
US-PATENT-CLASS-343-17.5
US-PATENT-CLASS-343-6.8R
US-PATENT-3,732,567

N73-25462* c 14 ..... NASA-CASE-NPO-11686
US-PATENT-APPL-SN-212900
US-PATENT-CLASS-250-203R
US-PATENT-CLASS-250-214
US-PATENT-CLASS-250-214
US-PATENT-CLASS-250-83.3H

US-PATENT-CLASS-235-153AK
US-PATENT-3,783,250
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US-PATENT-CLASS-219-539
US-PATENT-CLASS-338-320
US-PATENT-3,732,397
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US-PATENT-CLASS-330-35
US-PATENT-CLASS-330-9
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US-PATENT-CLASS-317-46
US-PATENT-CLASS-317-47
US-PATENT-CLASS-317-48
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US-PATENT-CLASS-244-1SA
US-PATENT-CLASS-244-3.16
US-PATENT-CLASS-250-203R
US-PATENT-CLASS-250-237R
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US-PATENT-APPL-SN-88435
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US-PATENT-CLASS-250-214
US-PATENT-CLASS-317-235N
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US-PATENT-CLASS-250-361
US-PATENT-CLASS-250-369
US-PATENT-CLASS-250-492
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N74-15093* c 35 ..... NASA-CASE-ARC-10442-1
US-PATENT-APPL-SN-280032
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US-PATENT-CLASS-165-2
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US-PATENT-CLASS-259-60
US-PATENT-CLASS-62-45
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US-PATENT-CLASS-73-497
US-PATENT-CLASS-73-517B
US-PATENT-CLASS-74-5.6
US-PATENT-3,782,205
N74-15095* c 74 ..... NASA-CASE-MSC-14096-1
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US-PATENT-CLASS-350-285
US-PATENT-CLASS-350-7
US-PATENT-CLASS-356-216
US-PATENT-CLASS-356-43
US-PATENT-3,782,835
N74-15125* c 37 ..... NASA-CASE-XLE-10326-4
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US-PATENT-APPL-SN-54540
US-PATENT-APPL-SN-723465
US-PATENT-CLASS-277-27
US-PATENT-CLASS-277-91
US-PATENT-3,782,737
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US-PATENT-CLASS-417-470
US-PATENT-CLASS-417-471
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US-PATENT-CLASS-23-284
US-PATENT-3,782,904
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US-PATENT-APPL-SN-280390
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US-PATENT-CLASS-29-148.4B
US-PATENT-3,781,958
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US-PATENT-CLASS-73-67.8S
US-PATENT-3,777,552
N74-15145* c 36 ..... NASA-CASE-NPO-11856-1
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US-PATENT-CLASS-250-217SS
US-PATENT-CLASS-331-94.5K
US-PATENT-CLASS-331-94.5S
US-PATENT-CLASS-350-6
US-PATENT-CLASS-356-152
US-PATENT-CLASS-356-4
US-PATENT-CLASS-356-5
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N74-15146* c 35 ..... NASA-CASE-MFS-21455-1
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US-PATENT-CLASS-350-3.5
US-PATENT-CLASS-356-106
US-PATENT-CLASS-73-71.3
US-PATENT-3,782,825
N74-15395* c 38 ..... NASA-CASE-MFS-21233-1
US-PATENT-APPL-SN-246056
US-PATENT-CLASS-324-40
US-PATENT-CLASS-73-67.5R
US-PATENT-CLASS-73-71.5U
US-PATENT-3,782,177
N74-15453* c 07 ..... NASA-CASE-LEW-11569-1
US-PATENT-APPL-SN-316618
US-PATENT-CLASS-181-43
US-PATENT-3,780,827
N74-15652* c 34 ..... NASA-CASE-LAR-10105-1
US-PATENT-APPL-SN-170680
US-PATENT-CLASS-73-86
US-PATENT-3,782,181
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US-PATENT-CLASS-119-51.5
US-PATENT-CLASS-119-51R
US-PATENT-CLASS-119-52AF
US-PATENT-CLASS-119-54
US-PATENT-CLASS-221-265
US-PATENT-3,782,334
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US-PATENT-CLASS-219-216
US-PATENT-CLASS-219-388
US-PATENT-CLASS-34-162
US-PATENT-CLASS-346-108
US-PATENT-CLASS-346-138
US-PATENT-CLASS-346-24
US-PATENT-CLASS-95-89R
US-PATENT-3,781,902
N74-16135* c 35 ..... NASA-CASE-LAR-10595-1
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US-PATENT-CLASS-340-12R
US-PATENT-CLASS-340-5R
US-PATENT-CLASS-340-8R
US-PATENT-3,783,443
N74-17153* c 35 ..... NASA-CASE-MFS-21087-1
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US-PATENT-CLASS-350-3.5
US-PATENT-3,752,556
N74-17283* c 27 ..... NASA-CASE-MFS-20486-2
US-PATENT-APPL-SN-292382
US-PATENT-APPL-SN-84212
US-PATENT-CLASS-260-29.6S
US-PATENT-3,784,499
N74-17853* c 54 ..... NASA-CASE-MFS-21163-1
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US-PATENT-CLASS-224-444
US-PATENT-3,790,037
N74-17885* c 35 ..... NASA-CASE-MSC-13855-1
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US-PATENT-CLASS-332-11D
US-PATENT-CLASS-340-347AD
US-PATENT-3,795,900
N74-17927* c 33 ..... NASA-CASE-NPO-13138-1
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US-PATENT-CLASS-328-155
US-PATENT-CLASS-333-16
US-PATENT-CLASS-333-18
US-PATENT-3,790,906
N74-17928* c 33 ..... NASA-CASE-NPO-11966-1
NASA-CASE-NPO-13159-1
US-PATENT-APPL-SN-284245
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US-PATENT-CLASS-336-210
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US-PATENT-APPL-SN-310624
US-PATENT-CLASS-317-16
US-PATENT-CLASS-317-31
US-PATENT-3,795,840
N74-17930* c 33 ..... NASA-CASE-NUC-10107-1
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US-PATENT-CLASS-324-102
US-PATENT-CLASS-324-118
US-PATENT-CLASS-329-50
US-PATENT-3,795,862
N74-17955* c 09 ..... NASA-CASE-LAR-10812-1
US-PATENT-APPL-SN-263815
US-PATENT-CLASS-73-147
US-PATENT-3,791,207
N74-18088* c 35 ..... NASA-CASE-LAR-11027-1
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US-PATENT-CLASS-250-370
US-PATENT-CLASS-250-371
US-PATENT-3,790,795
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US-PATENT-CLASS-156-247
US-PATENT-CLASS-156-285
US-PATENT-CLASS-156-309
US-PATENT-3,793,109
N74-18090* c 35 ..... NASA-CASE-NPO-13160-1
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US-PATENT-CLASS-324-57R
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US-PATENT-CLASS-23-253PC
US-PATENT-CLASS-23-259
US-PATENT-CLASS-259-72
US-PATENT-CLASS-312-209
US-PATENT-CLASS-356-197
US-PATENT-CLASS-356-85
US-PATENT-3,790,347
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US-PATENT-CLASS-264-102
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US-PATENT-APPL-SN-244519
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US-PATENT-CLASS-301-5P
US-PATENT-3,789,947
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US-PATENT-CLASS-161-192
US-PATENT-CLASS-161-42
US-PATENT-CLASS-161-43
US-PATENT-CLASS-161-93
US-PATENT-CLASS-260-2R
US-PATENT-CLASS-264-135
US-PATENT-CLASS-264-136
US-PATENT-CLASS-264-257
US-PATENT-3,790,432
N74-18127* c 37 ..... NASA-CASE-MFS-21481-1
US-PATENT-APPL-SN-266771
US-PATENT-CLASS-128-25R
US-PATENT-CLASS-272-73
US-PATENT-CLASS-272-80
US-PATENT-CLASS-74-594.6
US-PATENT-CLASS-74-594.7
US-PATENT-3,788,163
N74-18128* c 37 ..... NASA-CASE-LEW-11387-1
US-PATENT-APPL-SN-247090
US-PATENT-CLASS-29-482
US-PATENT-CLASS-29-488
US-PATENT-CLASS-29-497
US-PATENT-CLASS-29-498
US-PATENT-3,787,959
N74-18323* c 35 ..... NASA-CASE-MFS-21136-1
US-PATENT-APPL-SN-262430
US-PATENT-CLASS-308-10
US-PATENT-CLASS-74-5.7
US-PATENT-3,763,708
N74-18551* c 25 ..... NASA-CASE-LAR-11053-1
US-PATENT-APPL-SN-281875
US-PATENT-CLASS-73-15R
US-PATENT-3,789,654
N74-18552* c 34 ..... NASA-CASE-NPO-11120-1
US-PATENT-APPL-SN-39343
US-PATENT-CLASS-165-105
US-PATENT-CLASS-267-166
US-PATENT-CLASS-29-157.3R
US-PATENT-3,789,920
N74-19310* c 72 ..... NASA-CASE-HQN-10740-1
US-PATENT-APPL-SN-266943
US-PATENT-CLASS-356-106R
US-PATENT-CLASS-356-112
US-PATENT-CLASS-356-28
US-PATENT-3,795,448
N74-19528* c 09 ..... NASA-CASE-LAR-10426-1
US-PATENT-APPL-SN-239575

US-PATENT-CLASS-73-15.6
US-PATENT-CLASS-73-91
US-PATENT-3,795,134

N74-19692* c 44 ..... NASA-CASE-GSC-11367-1
US-PATENT-APPL-SN-236985
US-PATENT-CLASS-136-36
US-PATENT-3,759,747

N74-19693* c 44 ..... NASA-CASE-NPO-11806-1
US-PATENT-APPL-SN-228163
US-PATENT-CLASS-136-20
US-PATENT-CLASS-136-30
US-PATENT-3,790,409

N74-19769* c 24 ..... NASA-CASE-ERC-10073-1
US-PATENT-APPL-SN-856253
US-PATENT-CLASS-117-95
US-PATENT-3,796,592

N74-19788* c 32 ..... NASA-CASE-NPO-11820-1
US-PATENT-APPL-SN-266912
US-PATENT-CLASS-307-237
US-PATENT-CLASS-328-160
US-PATENT-CLASS-328-168
US-PATENT-CLASS-328-172
US-PATENT-CLASS-333-14
US-PATENT-3,800,237

N74-19790* c 32 ..... NASA-CASE-MFS-21540-1
US-PATENT-APPL-SN-333912
US-PATENT-CLASS-178-7.1
US-PATENT-CLASS-325-148
US-PATENT-3,800,224

N74-19870* c 44 ..... NASA-CASE-MFS-21470-1
US-PATENT-APPL-SN-340871
US-PATENT-CLASS-325-62
US-PATENT-CLASS-333-17
US-PATENT-CLASS-343-17.7
US-PATENT-CLASS-343-7.5
US-PATENT-3,795,910

N74-20008* c 74 ..... NASA-CASE-GSC-11188-3
US-PATENT-APPL-SN-244566
US-PATENT-APPL-SN-80029
US-PATENT-CLASS-117-45
US-PATENT-3,799,793

N74-20009* c 36 ..... NASA-CASE-NPO-11861-1
US-PATENT-APPL-SN-266911
US-PATENT-CLASS-178-DIG.1
US-PATENT-CLASS-178-6
US-PATENT-CLASS-178-7.6
US-PATENT-3,800,074

N74-20063* c 37 ..... NASA-CASE-LAR-10129-2
US-PATENT-APPL-SN-319410
US-PATENT-APPL-SN-99201
US-PATENT-CLASS-312-1
US-PATENT-3,796,473

N74-20329* c 76 ..... NASA-CASE-GSC-11425-1
US-PATENT-APPL-SN-206266
US-PATENT-CLASS-148-1.5
US-PATENT-3,799,813

N74-20646* c 02 ..... NASA-CASE-LEW-11188-1
US-PATENT-APPL-SN-152328
US-PATENT-CLASS-137-15.1
US-PATENT-CLASS-137-15.2
US-PATENT-CLASS-244-53B
US-PATENT-3,799,475

N74-20725* c 54 ..... NASA-CASE-MFS-22102-1
US-PATENT-APPL-SN-341621
US-PATENT-CLASS-4-10
US-PATENT-CLASS-4-120
US-PATENT-3,805,303

N74-20726* c 52 ..... NASA-CASE-ARC-10597-1
US-PATENT-APPL-SN-281876
US-PATENT-CLASS-128-2V
US-PATENT-CLASS-73-67.9
US-PATENT-3,802,253

N74-20728* c 52 ..... NASA-CASE-MFS-21415-1
US-PATENT-APPL-SN-318152
US-PATENT-CLASS-128-2.07
US-PATENT-CLASS-128-2.08
US-PATENT-CLASS-73-23
US-PATENT-CLASS-73-421.5R
US-PATENT-3,799,149

N74-20809* c 32 ..... NASA-CASE-MSC-12462-1
US-PATENT-APPL-SN-274360
US-PATENT-CLASS-178-88
US-PATENT-CLASS-325-320
US-PATENT-CLASS-325-423
US-PATENT-3,800,227

N74-20810* c 32 ..... NASA-CASE-MSC-12494-1
US-PATENT-APPL-SN-304705
US-PATENT-CLASS-325-321
US-PATENT-CLASS-325-419
US-PATENT-3,806,816

N74-20811* c 32 ..... NASA-CASE-NPO-13103-1
US-PATENT-APPL-SN-338484
US-PATENT-CLASS-325-320
US-PATENT-CLASS-325-419
US-PATENT-CLASS-329-122
US-PATENT-3,806,815

N74-20813* c 32 ..... NASA-CASE-FRC-10071-1
US-PATENT-APPL-SN-307727
US-PATENT-CLASS-178-7.7
US-PATENT-CLASS-315-18
US-PATENT-CLASS-315-22
US-PATENT-3,803,445

N74-20836* c 60 ..... NASA-CASE-ERC-10180-1
US-PATENT-APPL-SN-838278
US-PATENT-CLASS-235-164
US-PATENT-3,803,393

N74-20859* c 33 ..... NASA-CASE-XLE-2529-3
US-PATENT-APPL-SN-288856
US-PATENT-APPL-SN-487929
US-PATENT-APPL-SN-848403
US-PATENT-CLASS-315-211
US-PATENT-CLASS-315-228
US-PATENT-CLASS-331-94.5D
US-PATENT-CLASS-332-7.51
US-PATENT-3,806,835

N74-20860* c 33 ..... NASA-CASE-GSC-11446-1
US-PATENT-APPL-SN-263230
US-PATENT-CLASS-343-DIG.2
US-PATENT-CLASS-343-100SA
US-PATENT-CLASS-343-100ST
US-PATENT-CLASS-343-854
US-PATENT-3,806,932

N74-20861* c 33 ..... NASA-CASE-GSC-11560-1
US-PATENT-APPL-SN-361906
US-PATENT-CLASS-350-269
US-PATENT-CLASS-354-234
US-PATENT-CLASS-95-53EA
US-PATENT-3,804,506

N74-20862* c 33 ..... NASA-CASE-GSC-11513-1
US-PATENT-APPL-SN-315069
US-PATENT-CLASS-331-108A
US-PATENT-CLASS-331-115
US-PATENT-CLASS-331-116R
US-PATENT-CLASS-331-159
US-PATENT-3,806,831

N74-20863* c 32 ..... NASA-CASE-GSC-11909
US-PATENT-APPL-SN-244158
US-PATENT-CLASS-343-730
US-PATENT-CLASS-343-786
US-PATENT-CLASS-343-797
US-PATENT-CLASS-343-853
US-PATENT-3,803,617

N74-20864* c 32 ..... NASA-CASE-GSC-11428-1
US-PATENT-APPL-SN-292685
US-PATENT-CLASS-343-708
US-PATENT-CLASS-343-769
US-PATENT-CLASS-343-853
US-PATENT-3,805,266

N74-21014* c 71 ..... NASA-CASE-HQN-10832-1
US-PATENT-APPL-SN-301417
US-PATENT-CLASS-178-DIG.32
US-PATENT-CLASS-178-5.8R
US-PATENT-CLASS-178-7.2
US-PATENT-CLASS-340-407
US-PATENT-CLASS-35-35A
US-PATENT-3,800,082

N74-21015* c 19 ..... NASA-CASE-LAR-10626-1
US-PATENT-APPL-SN-202750
US-PATENT-CLASS-33-1SA
US-PATENT-CLASS-33-46R
US-PATENT-3,798,778

N74-21017* c 35 ..... NASA-CASE-MFS-21660-1
US-PATENT-APPL-SN-310616
US-PATENT-CLASS-324-83Q
US-PATENT-3,806,802

N74-21018* c 35 ..... NASA-CASE-LEW-10981-1
US-PATENT-APPL-SN-214089
US-PATENT-CLASS-310-11
US-PATENT-CLASS-324-34FL
US-PATENT-CLASS-73-194EM
US-PATENT-3,802,262

N74-21019* c 35 ..... NASA-CASE-GSC-11600-1
US-PATENT-APPL-SN-318357
US-PATENT-CLASS-73-1F
US-PATENT-3,802,249

N74-21055* c 37 ..... NASA-CASE-LEW-11388-2
US-PATENT-APPL-SN-289033
US-PATENT-APPL-SN-293726
US-PATENT-CLASS-29-487
US-PATENT-CLASS-29-494
US-PATENT-CLASS-29-498
US-PATENT-CLASS-29-504
US-PATENT-3,798,748

N74-21056* c 37 ..... NASA-CASE-LAR-10688-1
US-PATENT-APPL-SN-285705
US-PATENT-CLASS-235-151
US-PATENT-CLASS-235-92PE
US-PATENT-CLASS-235-92SB
US-PATENT-3,800,253

N74-21057* c 37 ..... NASA-CASE-LAR-10941-1
US-PATENT-APPL-SN-289048
US-PATENT-CLASS-29-470.1
US-PATENT-3,797,098

N74-21058* c 37 ..... NASA-CASE-MFS-22411-1
US-PATENT-APPL-SN-382262
US-PATENT-CLASS-260-448.2N
US-PATENT-3,801,617

N74-21059* c 31 ..... NASA-CASE-LAR-10409-1
US-PATENT-APPL-SN-340864
US-PATENT-CLASS-29-423
US-PATENT-3,798,741

N74-21060* c 37 ..... NASA-CASE-NPO-13105-1
US-PATENT-APPL-SN-283502
US-PATENT-CLASS-60-25
US-PATENT-3,798,896

N74-21061* c 37 ..... NASA-CASE-LEW-11076-1
US-PATENT-APPL-SN-238264
US-PATENT-CLASS-308-73
US-PATENT-3,804,472

N74-21062* c 35 ..... NASA-CASE-LAR-10295-1
US-PATENT-APPL-SN-221685
US-PATENT-CLASS-73-12
US-PATENT-CLASS-73-432
US-PATENT-3,805,622

N74-21063* c 37 ..... NASA-CASE-LEW-10698-1
US-PATENT-APPL-SN-30498
US-PATENT-CLASS-106-52
US-PATENT-CLASS-117-129
US-PATENT-CLASS-161-196
US-PATENT-CLASS-65-DIG.11
US-PATENT-3,804,703

N74-21064* c 37 ..... NASA-CASE-LEW-11087-3
US-PATENT-APPL-SN-201904
US-PATENT-APPL-SN-346361
US-PATENT-CLASS-308-188
US-PATENT-CLASS-308-191
US-PATENT-3,802,753

N74-21065* c 37 ..... NASA-CASE-NPO-11951-1
US-PATENT-APPL-SN-287150
US-PATENT-CLASS-137-628
US-PATENT-CLASS-251-120
US-PATENT-CLASS-251-122
US-PATENT-CLASS-251-210
US-PATENT-3,802,660

N74-21091* c 36 ..... NASA-CASE-GSC-11262-1
US-PATENT-APPL-SN-162380
US-PATENT-CLASS-250-204
US-PATENT-CLASS-33-285
US-PATENT-CLASS-356-141
US-PATENT-CLASS-356-152
US-PATENT-CLASS-356-172
US-PATENT-3,804,525

N74-21156* c 27 ..... NASA-CASE-ARC-10592-1
US-PATENT-APPL-SN-321179
US-PATENT-CLASS-260.46.5E
US-PATENT-3,803,090

N74-21300* c 70 ..... NASA-CASE-ARC-10516-1
US-PATENT-APPL-SN-267768
US-PATENT-CLASS-350-270
US-PATENT-CLASS-354-234
US-PATENT-3,797,919

N74-21304* c 74 ..... NASA-CASE-GSC-11353-1
US-PATENT-APPL-SN-260241
US-PATENT-CLASS-250-231SE
US-PATENT-CLASS-350-299
US-PATENT-CLASS-356-152
US-PATENT-3,802,779

N74-21850* c 33 ..... NASA-CASE-GSC-11602-1
US-PATENT-APPL-SN-298157
US-PATENT-CLASS-315-10
US-PATENT-CLASS-315-11
US-PATENT-CLASS-315-12
US-PATENT-3,806,756

N74-21851* c 33 ..... NASA-CASE-ARC-10596-1
US-PATENT-APPL-SN-267862
US-PATENT-CLASS-330-28
US-PATENT-CLASS-330-59
US-PATENT-3,811,094

N74-22095* c 35 ..... NASA-CASE-NPO-10617-1
US-PATENT-APPL-SN-828920
US-PATENT-CLASS-73-190H
US-PATENT-3,648,516

N74-22096* c 32 ..... NASA-CASE-XLE-04791
US-PATENT-APPL-SN-582213
US-PATENT-CLASS-330-103
US-PATENT-3,404,348

N74-22136* c 18 ..... NASA-CASE-MFS-20922-1
US-PATENT-APPL-SN-220274
US-PATENT-CLASS-244-1SS
US-PATENT-CLASS-49-68
US-PATENT-CLASS-61-83
US-PATENT-3,807,656

N74-22771* c 52 ..... NASA-CASE-ARC-10447-1
US-PATENT-APPL-SN-311175
US-PATENT-CLASS-128-214E
US-PATENT-CLASS-235-151.3
US-PATENT-3,809,871

N74-22814* c 33 ..... NASA-CASE-NPO-13081-1

US-PATENT-APPL-SN-345372
US-PATENT-CLASS-307-215
US-PATENT-CLASS-307-243
US-PATENT-CLASS-307-290
US-PATENT-CLASS-328-154
US-PATENT-3,808,464

N74-22864* c 33 ..... NASA-CASE-XER-11046-2
US-PATENT-APPL-SN-810579
US-PATENT-APPL-SN-87597
US-PATENT-CLASS-321-45R
US-PATENT-3,808,511

N74-22865* c 33 ..... NASA-CASE-LAR-10168-1
US-PATENT-APPL-SN-354407
US-PATENT-CLASS-174-DIG.8
US-PATENT-CLASS-174-69
US-PATENT-CLASS-174-70R
US-PATENT-CLASS-244-151R
US-PATENT-3,809,800

N74-22885* c 33 ..... NASA-CASE-MFS-21671-1
US-PATENT-APPL-SN-329958
US-PATENT-CLASS-323-106
US-PATENT-CLASS-323-122
US-PATENT-CLASS-323-128
US-PATENT-3,808,517

N74-23039* c 34 ..... NASA-CASE-GSC-11620-1
US-PATENT-APPL-SN-280305
US-PATENT-CLASS-126-270
US-PATENT-CLASS-244-127
US-PATENT-CLASS-244-31
US-PATENT-3,807,384

N74-23040* c 35 ..... NASA-CASE-NPO-11932-1
NASA-CASE-NPO-13127-1
US-PATENT-APPL-SN-311234
US-PATENT-CLASS-356-1065
US-PATENT-CLASS-356-113
US-PATENT-3,809,481

N74-23064* c 37 ..... NASA-CASE-LAR-10900-1
US-PATENT-APPL-SN-290021
US-PATENT-CLASS-161-116
US-PATENT-3,809,601

N74-23065* c 31 ..... NASA-CASE-NPO-11758-1
US-PATENT-APPL-SN-266913
US-PATENT-CLASS-204-222
US-PATENT-3,810,829

N74-23066* c 34 ..... NASA-CASE-LAR-10089-1
US-PATENT-APPL-SN-305638
US-PATENT-CLASS-240-47
US-PATENT-CLASS-353-54
US-PATENT-CLASS-353-61
US-PATENT-3,811,044

N74-23068* c 46 ..... NASA-CASE-XNP-10007-1
US-PATENT-APPL-SN-611414
US-PATENT-APPL-SN-768942
US-PATENT-CLASS-299-67
US-PATENT-3,606,470

N74-23069* c 46 ..... NASA-CASE-XNP-09755
US-PATENT-APPL-SN-611414
US-PATENT-APPL-SN-857241
US-PATENT-CLASS-125-1
US-PATENT-CLASS-125-3
US-PATENT-CLASS-299-86
US-PATENT-CLASS-51-283
US-PATENT-3,612,030

N74-23070* c 37 ..... NASA-CASE-MFS-20645-1
US-PATENT-APPL-SN-103091
US-PATENT-CLASS-74-217R
US-PATENT-3,678,771

N74-23125* c 27 ..... NASA-CASE-LEW-10199-1
US-PATENT-APPL-SN-651972
US-PATENT-CLASS-117-126GR
US-PATENT-CLASS-117-132B
US-PATENT-CLASS-117-161UN
US-PATENT-CLASS-260-78TF
US-PATENT-3,647,529

N74-25968* c 37 ..... NASA-CASE-MFS-21485-1
US-PATENT-APPL-SN-277436
US-PATENT-CLASS-408-111
US-PATENT-CLASS-408-80
US-PATENT-CLASS-90-12.5
US-PATENT-3,813,183

N74-26625* c 52 ..... NASA-CASE-NPO-13065-1
US-PATENT-APPL-SN-269073
US-PATENT-CLASS-128-2.1A
US-PATENT-CLASS-325-113
US-PATENT-CLASS-325-141
US-PATENT-CLASS-340-183
US-PATENT-CLASS-340-203
US-PATENT-CLASS-340-207R
US-PATENT-3,815,109

N74-26626* c 52 ..... NASA-CASE-MSC-13999-1
US-PATENT-APPL-SN-256317
US-PATENT-CLASS-128-2.05A
US-PATENT-CLASS-128-2.05S
US-PATENT-3,814,083

N74-26654* c 32 ..... NASA-CASE-MSC-14065-1
US-PATENT-APPL-SN-297128
US-PATENT-CLASS-178-67
US-PATENT-CLASS-325-30
US-PATENT-3,816,657

N74-26732* c 33 ..... NASA-CASE-MFS-21698-1
US-PATENT-APPL-SN-37050
US-PATENT-CLASS-331-109
US-PATENT-CLASS-331-117R
US-PATENT-CLASS-331-183
US-PATENT-3,815,048

N74-26767* c 73 ..... NASA-CASE-NPO-13112-1
US-PATENT-APPL-SN-267572
US-PATENT-CLASS-250-499
US-PATENT-CLASS-313-61S
US-PATENT-3,816,785

N74-26945* c 35 ..... NASA-CASE-MFS-21556-1
US-PATENT-APPL-SN-340791
US-PATENT-CLASS-177-200
US-PATENT-CLASS-177-211
US-PATENT-CLASS-177-246
US-PATENT-CLASS-73-141A
US-PATENT-3,812,924

N74-26946* c 35 ..... NASA-CASE-MFS-22040-1
US-PATENT-APPL-SN-365644
US-PATENT-CLASS-350-3.5
US-PATENT-CLASS-96-38.3
US-PATENT-CLASS-96-79
US-PATENT-3,815,969

N74-26947* c 25 ..... NASA-CASE-ARC-10633-1
US-PATENT-APPL-SN-354611
US-PATENT-CLASS-250-304
US-PATENT-CLASS-250-343
US-PATENT-CLASS-250-373
US-PATENT-3,814,939

N74-26948* c 25 ..... NASA-CASE-MFS-21395-1
US-PATENT-APPL-SN-260093
US-PATENT-CLASS-204-180R
US-PATENT-3,814,678

N74-26949* c 35 ..... NASA-CASE-GSC-11492-1
US-PATENT-APPL-SN-372148
US-PATENT-CLASS-250-374
US-PATENT-CLASS-250-385
US-PATENT-CLASS-313-93
US-PATENT-3,812,358

N74-26976* c 37 ..... NASA-CASE-MFS-21846-1
US-PATENT-APPL-SN-359958
US-PATENT-CLASS-188-163
US-PATENT-CLASS-188-171
US-PATENT-3,812,936

N74-26977* c 33 ..... NASA-CASE-MFS-22133-1
US-PATENT-APPL-SN-337487
US-PATENT-CLASS-29-203MW
US-PATENT-3,815,205

N74-27035* c 24 ..... NASA-CASE-XLA-11028-1
US-PATENT-APPL-SN-219435
US-PATENT-CLASS-156-285
US-PATENT-3,814,653

N74-27037* c 27 ..... NASA-CASE-ARC-10304-2
US-PATENT-APPL-SN-140946
US-PATENT-APPL-SN-318358
US-PATENT-CLASS-102-105
US-PATENT-CLASS-106-15FP
US-PATENT-CLASS-252-62
US-PATENT-CLASS-252-8.1
US-PATENT-CLASS-260-DIG.24
US-PATENT-CLASS-260-2.5FP
US-PATENT-CLASS-260-2.5R
US-PATENT-CLASS-260-2R
US-PATENT-CLASS-260-396N
US-PATENT-3,819,550

N74-27360* c 15 ..... NASA-CASE-LAR-10670-2
US-PATENT-APPL-SN-248761
US-PATENT-APPL-SN-59892
US-PATENT-CLASS-102-90
US-PATENT-CLASS-60-214
US-PATENT-CLASS-60-215
US-PATENT-CLASS-60-39.46
US-PATENT-3,813,875

N74-27397* c 18 ..... NASA-CASE-MFS-21680-1
NASA-CASE-MFS-21681-1
US-PATENT-APPL-SN-343607
US-PATENT-CLASS-244-1SS
US-PATENT-CLASS-248-16
US-PATENT-CLASS-248-23
US-PATENT-3,814,350

N74-27425* c 28 ..... NASA-CASE-NPO-11743-1
US-PATENT-APPL-SN-277904
US-PATENT-CLASS-102-28EB
US-PATENT-CLASS-102-70.2A
US-PATENT-CLASS-102-70-2R
US-PATENT-3,812,783

N74-27490* c 07 ..... NASA-CASE-LEW-11286-1
US-PATENT-APPL-SN-339806
US-PATENT-CLASS-181-33HB
US-PATENT-CLASS-239-265.17
US-PATENT-3,820,630

N74-27519* c 44 ..... NASA-CASE-MFS-20761-1
US-PATENT-APPL-SN-326327
US-PATENT-CLASS-136-182
US-PATENT-CLASS-324-29.5
US-PATENT-CLASS-324-72.5
US-PATENT-3,818,325

N74-27566* c 52 ..... NASA-CASE-GSC-11531-1
US-PATENT-APPL-SN-291845
US-PATENT-CLASS-128-2.05E
US-PATENT-CLASS-73-398AR
US-PATENT-3,811,429

N74-27612* c 32 ..... NASA-CASE-MSC-14219-1
US-PATENT-APPL-SN-324029
US-PATENT-CLASS-117-2R
US-PATENT-CLASS-156-94
US-PATENT-CLASS-179-100.2A
US-PATENT-CLASS-179-100.2B
US-PATENT-CLASS-264-36
US-PATENT-3,819,440

N74-27682* c 33 ..... NASA-CASE-ARC-10593-1
US-PATENT-APPL-SN-310193
US-PATENT-CLASS-250-207
US-PATENT-CLASS-307-252L
US-PATENT-CLASS-307-252Q
US-PATENT-3,821,546

N74-27683* c 33 ..... NASA-CASE-LEW-10950-1
US-PATENT-APPL-SN-273222
US-PATENT-CLASS-174-111
US-PATENT-CLASS-174-15C
US-PATENT-CLASS-174-28
US-PATENT-CLASS-310-4R
US-PATENT-3,821,462

N74-27705* c 33 ..... NASA-CASE-MSC-14066-1
US-PATENT-APPL-SN-297127
US-PATENT-CLASS-178-88
US-PATENT-CLASS-325-320
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US-PATENT-CLASS-136-233
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US-PATENT-CLASS-340-200
US-PATENT-CLASS-73-170R
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US-PATENT-CLASS-73-88.5R
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US-PATENT-CLASS-416-223
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US-PATENT-CLASS-181-33H
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US-PATENT-CLASS-346-33R
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US-PATENT-CLASS-249-95
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US-PATENT-CLASS-425-415
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US-PATENT-CLASS-204-177
US-PATENT-CLASS-210-500
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US-PATENT-CLASS-165-47
US-PATENT-CLASS-220-15
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US-PATENT-CLASS-250-578
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US-PATENT-CLASS-128-DIG.4
US-PATENT-CLASS-128-2.06B
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US-PATENT-CLASS-318-318
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US-PATENT-CLASS-331-25
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US-PATENT-CLASS-329-204
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US-PATENT-APPL-SN-836280
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US-PATENT-CLASS-73-356
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US-PATENT-CLASS-178-7.2
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US-PATENT-CLASS-408-195
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US-PATENT-CLASS-325-4

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US-PATENT-CLASS-324-83Q
US-PATENT-CLASS-328-133
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US-PATENT-CLASS-233-6
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US-PATENT-CLASS-117-126R
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US-PATENT-CLASS-29-182.5
US-PATENT-CLASS-29-420.5
US-PATENT-CLASS-65-3
US-PATENT-CLASS-75-DIG.1
US-PATENT-CLASS-75-200
US-PATENT-CLASS-75-208R
US-PATENT-CLASS-75-212
US-PATENT-CLASS-75-214
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US-PATENT-CLASS-204-290R
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US-PATENT-CLASS-195-127
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US-PATENT-CLASS-250-345
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US-PATENT-CLASS-214-1CM
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US-PATENT-CLASS-128-2V
US-PATENT-CLASS-128-24A
US-PATENT-CLASS-74-471XY
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US-PATENT-APPL-SN-585988
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US-PATENT-CLASS-23-255E
US-PATENT-CLASS-311-37
US-PATENT-CLASS-331-65
US-PATENT-CLASS-73-23
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US-PATENT-CLASS-343-6.5R
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US-PATENT-CLASS-260-520
US-PATENT-CLASS-260-78TF
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US-PATENT-CLASS-29-613
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US-PATENT-CLASS-338-283
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US-PATENT-CLASS-330-18
US-PATENT-CLASS-330-40
US-PATENT-CLASS-330-63
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US-PATENT-CLASS-330-24
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US-PATENT-CLASS-333-21R
US-PATENT-CLASS-333-83BT
US-PATENT-CLASS-333-98R
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US-PATENT-APPL-SN-400467
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US-PATENT-APPL-SN-484208
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US-PATENT-CLASS-250-351
US-PATENT-CLASS-250-373
US-PATENT-CLASS-356-51
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US-PATENT-CLASS-73-195
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US-PATENT-CLASS-307-211
US-PATENT-CLASS-307-219
US-PATENT-CLASS-328-61
US-PATENT-CLASS-328-62
US-PATENT-3,900,741
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US-PATENT-CLASS-331-DIG.1
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US-PATENT-CLASS-308-73
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US-PATENT-CLASS-250-493
US-PATENT-CLASS-250-496
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US-PATENT-CLASS-338-2
US-PATENT-CLASS-73-88.5
US-PATENT-3,905,356

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US-PATENT-APPL-SN-45053
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US-PATENT-CLASS-328-41
US-PATENT-3,906,374

N75-31331* c 33 ..... NASA-CASE-NPO-11156-2
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US-PATENT-CLASS-307-238
US-PATENT-CLASS-340-173CA
US-PATENT-CLASS-357-24
US-PATENT-CLASS-357-7
US-PATENT-3,906,296

N75-31332* c 33 ..... NASA-CASE-NPO-13348-1
US-PATENT-APPL-SN-452770
US-PATENT-CLASS-250-238
US-PATENT-CLASS-250-370
US-PATENT-CLASS-357-5
US-PATENT-3,906,231

N75-31426* c 36 ..... NASA-CASE-ARC-10370-1
US-PATENT-APPL-SN-137391
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US-PATENT-CLASS-331-94.5P
US-PATENT-3,906,397

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US-PATENT-APPL-SN-374423
US-PATENT-CLASS-331-94.5C
US-PATENT-CLASS-350-161
US-PATENT-CLASS-350-96WG
US-PATENT-3,906,393

N75-31446* c 37 ..... NASA-CASE-LEW-11925-1
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US-PATENT-CLASS-308-195
US-PATENT-CLASS-308-201
US-PATENT-3,905,660

N75-32441* c 36 ..... NASA-CASE-NPO-13449-1
US-PATENT-APPL-SN-420813
US-PATENT-CLASS-310-11
US-PATENT-CLASS-330-4.3
US-PATENT-CLASS-331-94.5PE
US-PATENT-CLASS-331-94-5G
US-PATENT-3,906,398

N75-32465* # c 37 ..... NASA-CASE-ARC-10907-1
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N75-32581* c 44 ..... NASA-CASE-MFS-21628-1
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US-PATENT-CLASS-126-271
US-PATENT-CLASS-165-105
US-PATENT-CLASS-244-173
US-PATENT-CLASS-60-641
US-PATENT-CLASS-60-659
US-PATENT-3,903,699

N75-33181* c 24 ..... NASA-CASE-LEW-11484-1
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US-PATENT-CLASS-117-105.2
US-PATENT-CLASS-117-38
US-PATENT-CLASS-117-46FS
US-PATENT-CLASS-117-8.5
US-PATENT-CLASS-29-DIG.24
US-PATENT-CLASS-29-DIG.39
US-PATENT-CLASS-29-527.2
US-PATENT-CLASS-72-46
US-PATENT-3,906,769

N75-33342* c 34 ..... NASA-CASE-MSC-14273-1
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US-PATENT-CLASS-210-259
US-PATENT-CLASS-210-304
US-PATENT-CLASS-210-333
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US-PATENT-CLASS-210-425
US-PATENT-CLASS-210-512
US-PATENT-CLASS-210-82
US-PATENT-3,907,686

N75-33367* c 35 ..... NASA-CASE-LAR-10629-1
US-PATENT-APPL-SN-402867
US-PATENT-CLASS-116-114AH
US-PATENT-CLASS-73-12
US-PATENT-CLASS-73-170R
US-PATENT-CLASS-73-432PS
US-PATENT-3,896,758

N75-33368* c 35 ..... NASA-CASE-LAR-11326-1
US-PATENT-APPL-SN-491416
US-PATENT-CLASS-195-103.5R
US-PATENT-3,907,646

N75-33369* c 35 ..... NASA-CASE-LAR-11263-1
US-PATENT-APPL-SN-472775
US-PATENT-CLASS-73-141A
US-PATENT-3,906,788

N75-33395* c 37 ..... NASA-CASE-MFS-22283-1
US-PATENT-APPL-SN-387095
US-PATENT-CLASS-279-1B
US-PATENT-CLASS-279-107
US-PATENT-CLASS-279-89
US-PATENT-CLASS-29-26A
US-PATENT-CLASS-294-116
US-PATENT-CLASS-294-86.33
US-PATENT-3,907,312

N75-33640* c 52 ..... NASA-CASE-LEW-12051-1
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US-PATENT-CLASS-128-305
US-PATENT-3,906,954

N76-14158* c 15 ..... NASA-CASE-LAR-11051-1
US-PATENT-APPL-SN-384773
US-PATENT-CLASS-244-165
US-PATENT-CLASS-244-3.21
US-PATENT-CLASS-74-5.7
US-PATENT-3,915,416

N76-14186* c 18 ..... NASA-CASE-MSC-12559-1
US-PATENT-APPL-SN-370582
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US-PATENT-CLASS-244-161
US-PATENT-CLASS-33-286
US-PATENT-CLASS-35-12
US-PATENT-CLASS-356-153
US-PATENT-3,910,533

N76-14190* c 20 ..... NASA-CASE-LEW-11593-1
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US-PATENT-CLASS-60-39.23
US-PATENT-CLASS-60-39.29
US-PATENT-CLASS-60-39.74R
US-PATENT-3,910,035

N76-14191* c 20 ..... NASA-CASE-LEW-11118-2
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US-PATENT-CLASS-60-265
US-PATENT-CLASS-60-267
US-PATENT-3,910,039

N76-14203* c 24 ..... NASA-CASE-NPO-12122-1
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US-PATENT-CLASS-423-407
US-PATENT-3,919,014

N76-14204* c 24 ..... NASA-CASE-MSC-12568-1
US-PATENT-APPL-SN-325784
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US-PATENT-CLASS-136-148
US-PATENT-CLASS-162-102
US-PATENT-CLASS-162-153
US-PATENT-CLASS-162-222
US-PATENT-CLASS-162-228
US-PATENT-3,910,814

N76-14264* c 27 ..... NASA-CASE-MSC-14182-1
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US-PATENT-CLASS-403-28
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US-PATENT-CLASS-428-212
US-PATENT-CLASS-428-214
US-PATENT-CLASS-428-416
US-PATENT-CLASS-428-447
US-PATENT-CLASS-428-77
US-PATENT-3,920,339

N76-14284* c 31 ..... NASA-CASE-NPO-13435-1
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US-PATENT-CLASS-62-129
US-PATENT-CLASS-62-49
US-PATENT-CLASS-73-295
US-PATENT-3,914,950

N76-14321* c 32 ..... NASA-CASE-LAR-11021-1
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US-PATENT-CLASS-325-306
US-PATENT-CLASS-325-372
US-PATENT-CLASS-328-145
US-PATENT-CLASS-343-176
US-PATENT-3,916,316

N76-14371* c 33 ..... NASA-CASE-KSC-10834-1
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US-PATENT-CLASS-178-69.5R
US-PATENT-CLASS-178-88
US-PATENT-CLASS-328-190
US-PATENT-CLASS-328-63
US-PATENT-3,916,084

N76-14372* c 33 ..... NASA-CASE-LAR-10970-1
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US-PATENT-CLASS-343-770
US-PATENT-CLASS-343-797
US-PATENT-CLASS-343-846
US-PATENT-3,919,710

N76-14373* c 33 ..... NASA-CASE-NPO-13451-1
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US-PATENT-CLASS-307-221R
US-PATENT-CLASS-328-37
US-PATENT-3,911,330

N76-14429* c 35 ..... NASA-CASE-LAR-11552-1
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US-PATENT-CLASS-73-212
US-PATENT-3,914,997

N76-14430* c 35 ..... NASA-CASE-NPO-13170-1
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US-PATENT-CLASS-73-88.5R
US-PATENT-3,914,991

N76-14431* c 35 ..... NASA-CASE-LEW-11915-1
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US-PATENT-CLASS-235-151.34
US-PATENT-CLASS-60-39.29
US-PATENT-3,911,260

N76-14447* c 36 ..... NASA-CASE-ARC-10642-1
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US-PATENT-CLASS-356-28
US-PATENT-3,915,572

N76-14460* c 37 ..... NASA-CASE-MFS-19194-1
US-PATENT-APPL-SN-483850
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US-PATENT-CLASS-285-265
US-PATENT-3,915,482

N76-14461* c 37 ..... NASA-CASE-LEW-11694-2
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US-PATENT-APPL-SN-462903
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US-PATENT-CLASS-72-54
US-PATENT-CLASS-72-63
US-PATENT-3,914,969

N76-14463* c 37 ..... NASA-CASE-MFS-22323-1
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US-PATENT-CLASS-210-429
US-PATENT-CLASS-251-149.6
US-PATENT-3,910,307

N76-14595* c 44 ..... NASA-CASE-MFS-22562-1
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US-PATENT-CLASS-204-33
US-PATENT-CLASS-204-38A
US-PATENT-CLASS-204-40
US-PATENT-CLASS-204-42
US-PATENT-CLASS-204-49
US-PATENT-CLASS-29-194
US-PATENT-CLASS-29-195
US-PATENT-CLASS-29-197
US-PATENT-3,920,413

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US-PATENT-3,912,540

N76-14601* c 44 ..... NASA-CASE-MFS-22749-1
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US-PATENT-CLASS-136-162
US-PATENT-CLASS-136-182
US-PATENT-CLASS-136-90
US-PATENT-3,912,541

N76-14602* c 44 ..... NASA-CASE-NPO-13497-1
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US-PATENT-CLASS-237-1A
US-PATENT-CLASS-350-211
US-PATENT-3,915,148

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US-PATENT-CLASS-128-2.06R
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US-PATENT-CLASS-128-2H
US-PATENT-3,910,257

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US-PATENT-CLASS-73-421R
US-PATENT-3,915,012

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US-PATENT-CLASS-340-147R
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US-PATENT-CLASS-73-12
US-PATENT-CLASS-89-8
US-PATENT-3,916,761

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US-PATENT-CLASS-428-332
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US-PATENT-CLASS-428-450
US-PATENT-CLASS-428-538
US-PATENT-CLASS-428-920
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US-PATENT-APPL-SN-561020
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US-PATENT-CLASS-260-33.8F
US-PATENT-CLASS-260-45.7
US-PATENT-CLASS-260-92.1
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US-PATENT-CLASS-526-255
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US-PATENT-CLASS-128-2.05V
US-PATENT-CLASS-128-2.1E
US-PATENT-CLASS-128-2.1Z
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US-PATENT-CLASS-264-267
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US-PATENT-CLASS-126-271
US-PATENT-CLASS-350-293
US-PATENT-CLASS-350-299
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NASA-CASE-MSC-14735-1
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US-PATENT-CLASS-128-203
US-PATENT-CLASS-137-DIG.9
US-PATENT-CLASS-137-110
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US-PATENT-CLASS-156-612
US-PATENT-CLASS-156-613
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US-PATENT-CLASS-423-345
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US-PATENT-APPL-SN-340863
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US-PATENT-CLASS-176-16
US-PATENT-CLASS-423-249
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US-PATENT-CLASS-343-779
US-PATENT-CLASS-343-854
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US-PATENT-CLASS-55-523
US-PATENT-CLASS-55-526
US-PATENT-CLASS-75-225
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US-PATENT-APPL-SN-545284
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US-PATENT-CLASS-73-189
US-PATENT-CLASS-73-194R
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US-PATENT-APPL-SN-380046
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US-PATENT-CLASS-176-14
US-PATENT-CLASS-176-16
US-PATENT-CLASS-250-400
US-PATENT-CLASS-250-429
US-PATENT-CLASS-250-492R
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N76-29551* c 35 ..... NASA-CASE-LAR-10907-1
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US-PATENT-CLASS-250-353
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US-PATENT-CLASS-235-88M
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US-PATENT-CLASS-308-163
US-PATENT-CLASS-308-170
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US-PATENT-CLASS-423-650
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US-PATENT-CLASS-431-210
US-PATENT-CLASS-431-4
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US-PATENT-CLASS-128-2P
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US-PATENT-CLASS-128-2S

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US-PATENT-CLASS-313-306
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US-PATENT-CLASS-313-338
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US-PATENT-CLASS-357-63
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US-PATENT-CLASS-356-244
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US-PATENT-CLASS-264-310
US-PATENT-CLASS-264-318
US-PATENT-CLASS-264-334
US-PATENT-CLASS-427-230
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US-PATENT-CLASS-52-726
US-PATENT-CLASS-52-745
US-PATENT-CLASS-52-749
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US-PATENT-APPL-SN-462341
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US-PATENT-CLASS-60-659
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US-PATENT-CLASS-23-232E
US-PATENT-CLASS-23-232R
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US-PATENT-CLASS-244-130
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US-PATENT-CLASS-244-171
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US-PATENT-CLASS-313-361
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US-PATENT-CLASS-60-202
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US-PATENT-CLASS-86-1R
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US-PATENT-CLASS-325-323
US-PATENT-CLASS-325-349
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US-PATENT-CLASS-321-2
US-PATENT-CLASS-323-DIG.1
US-PATENT-CLASS-323-17
US-PATENT-CLASS-323-22T
US-PATENT-CLASS-323-23
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US-PATENT-CLASS-244-42CG
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US-PATENT-CLASS-324-72
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US-PATENT-CLASS-165-170
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US-PATENT-CLASS-356-106R
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US-PATENT-CLASS-340-146.3Q
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US-PATENT-CLASS-29-572
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NASA-CASE-NPO-13561-1
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US-PATENT-CLASS-252-373
US-PATENT-CLASS-423-650
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US-PATENT-CLASS-431-116
US-PATENT-CLASS-431-162
US-PATENT-CLASS-431-170
US-PATENT-CLASS-431-41
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NASA-CASE-NPO-13545-1
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US-PATENT-CLASS-340-146.1AV
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NASA-CASE-NPO-13447-1
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US-PATENT-CLASS-340-172.5
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US-PATENT-CLASS-29-182.5

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US-PATENT-CLASS-307-295
US-PATENT-CLASS-328-133
US-PATENT-3,750,035
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US-PATENT-CLASS-219-304
US-PATENT-CLASS-239-171
US-PATENT-CLASS-252-359A
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US-PATENT-CLASS-416-153
US-PATENT-CLASS-416-160
US-PATENT-CLASS-416-162
US-PATENT-CLASS-416-165
US-PATENT-CLASS-416-167
US-PATENT-CLASS-60-226R
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US-PATENT-CLASS-332-23R
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US-PATENT-CLASS-321-13
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US-PATENT-APPL-SN-635531
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US-PATENT-CLASS-329-124
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US-PATENT-CLASS-331-36C
US-PATENT-CLASS-332-30V
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US-PATENT-CLASS-330-59
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US-PATENT-CLASS-136-233
US-PATENT-3,996,070
N77-14411* c 35 ..... NASA-CASE-NPO-13683-1
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US-PATENT-CLASS-356-204
US-PATENT-CLASS-356-97
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US-PATENT-CLASS-242-193
US-PATENT-CLASS-242-204
US-PATENT-CLASS-242-210
US-PATENT-CLASS-242-57
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US-PATENT-CLASS-204-192
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US-PATENT-CLASS-3-14
US-PATENT-3,995,324
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US-PATENT-CLASS-128-379
US-PATENT-CLASS-128-400
US-PATENT-CLASS-128-402
US-PATENT-3,995,621
N77-14737* c 52 ..... NASA-CASE-MSC-14276-1
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US-PATENT-CLASS-250-444
US-PATENT-CLASS-250-498
US-PATENT-3,996,471
N77-14738* c 52 ..... NASA-CASE-KSC-10849-1
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US-PATENT-CLASS-339-252R
US-PATENT-3,995,644
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US-PATENT-CLASS-250-227
US-PATENT-CLASS-340-172.5
US-PATENT-CLASS-350-96R
US-PATENT-3,996,455
N77-17029* c 05 ..... NASA-CASE-ARC-10807-1
US-PATENT-APPL-SN-513612
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US-PATENT-CLASS-416-138
US-PATENT-CLASS-416-141
US-PATENT-3,999,886
N77-17059* c 07 ..... NASA-CASE-LEW-12760-1
US-PATENT-APPL-SN-569925
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US-PATENT-CLASS-60-228
US-PATENT-4,005,574
N77-17143* c 20 ..... NASA-CASE-XLA-01349
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US-PATENT-APPL-SN-54552
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US-PATENT-CLASS-264-3R
US-PATENT-CLASS-86-1R
US-PATENT-CLASS-86-20R
US-PATENT-4,000,682
N77-17161* c 23 ..... NASA-CASE-MSC-14428-1
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US-PATENT-CLASS-23-230B
US-PATENT-CLASS-23-230M
US-PATENT-CLASS-23-230R
US-PATENT-CLASS-23-231
US-PATENT-CLASS-23-232C
US-PATENT-CLASS-23-232R
US-PATENT-CLASS-23-254R
US-PATENT-CLASS-55-197
US-PATENT-CLASS-55-67
US-PATENT-CLASS-55-74
US-PATENT-CLASS-73-23.1
US-PATENT-CLASS-73-61.1C
US-PATENT-4,003,257
N77-17351* c 33 ..... NASA-CASE-MFS-23181-1
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US-PATENT-CLASS-331-177V
US-PATENT-CLASS-332-18
US-PATENT-CLASS-332-30V
US-PATENT-4,003,004
N77-17354* c 33 ..... NASA-CASE-LEW-11881-1
US-PATENT-APPL-SN-598968
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US-PATENT-CLASS-307-230
US-PATENT-CLASS-328-161
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N77-17426* c 35 ..... NASA-CASE-MFS-22671-2
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US-PATENT-APPL-SN-561956
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US-PATENT-CLASS-360-31
US-PATENT-4,003,084
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US-PATENT-CLASS-308-10
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N77-17495* c 38 ..... NASA-CASE-GSC-11902-1
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US-PATENT-CLASS-235-92CT
US-PATENT-CLASS-235-92DN
US-PATENT-CLASS-235-92R
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US-PATENT-CLASS-244-53B
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US-PATENT-CLASS-333-75
US-PATENT-CLASS-333-76
US-PATENT-CLASS-333-82B
US-PATENT-4,007,434
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US-PATENT-APPL-SN-578240
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US-PATENT-CLASS-428-35
US-PATENT-CLASS-428-421
US-PATENT-CLASS-428-461
US-PATENT-CLASS-428-474
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US-PATENT-CLASS-73-432SD
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US-PATENT-4,007,623
N77-18891* c 73 ..... NASA-CASE-NPO-13121-1
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US-PATENT-CLASS-313-311
US-PATENT-CLASS-346R
US-PATENT-4,008,407
N77-18893* c 74 ..... NASA-CASE-MSC-14683-1
US-PATENT-APPL-SN-612967
US-PATENT-CLASS-358-44
US-PATENT-4,004,292
N77-19056* c 04 ..... NASA-CASE-LAR-11387-2
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US-PATENT-APPL-SN-623156
US-PATENT-CLASS-33-356
US-PATENT-CLASS-73-178R
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N77-19076* c 09 ..... NASA-CASE-ARC-10979-1
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US-PATENT-CLASS-124-6
US-PATENT-CLASS-244-63
US-PATENT-3,989,206
N77-19170* c 24 ..... NASA-CASE-LEW-12550-1
US-PATENT-APPL-SN-596905
US-PATENT-CLASS-416-224
US-PATENT-CLASS-416-230
US-PATENT-4,006,999
N77-19171* c 24 ..... NASA-CASE-LEW-12619-1
US-PATENT-APPL-SN-462424
US-PATENT-CLASS-204-16
US-PATENT-CLASS-204-40
US-PATENT-CLASS-204-9
US-PATENT-CLASS-29-527.2
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N77-19353* c 34 ..... NASA-CASE-ARC-10912-1
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US-PATENT-CLASS-62-121
US-PATENT-CLASS-62-269
US-PATENT-CLASS-62-315
US-PATENT-4,007,601
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US-PATENT-CLASS-177-1
US-PATENT-CLASS-177-208
US-PATENT-CLASS-73-432R
US-PATENT-3,988,933
N77-19416* c 36 ..... NASA-CASE-XNP-04167-3
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US-PATENT-APPL-SN-479357
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US-PATENT-CLASS-331-94.5G
US-PATENT-CLASS-331-94.5PE
US-PATENT-4,007,430
N77-19457* c 37 ..... NASA-CASE-MFS-15218-1
US-PATENT-APPL-SN-387094
US-PATENT-CLASS-197-188
US-PATENT-CLASS-197-190
US-PATENT-3,989,136
N77-19458* c 37 ..... NASA-CASE-GSC-11883-1
NASA-CASE-GSC-11974-1
NASA-CASE-GSC-11975-1

US-PATENT-APPL-SN-596787
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US-PATENT-CLASS-337-334
US-PATENT-CLASS-340-224
US-PATENT-CLASS-60-527
US-PATENT-CLASS-75-122.7
US-PATENT-CLASS-75-170
US-PATENT-4,010,455

N77-19571* c 44 ..... NASA-CASE-LEW-11549-1
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US-PATENT-CLASS-136-89
US-PATENT-3,989,541

N77-19760* c 60 ..... NASA-CASE-ARC-10899-1
US-PATENT-APPL-SN-576774
US-PATENT-CLASS-178-69.5R
US-PATENT-CLASS-179-15BS
US-PATENT-CLASS-340-172.5
US-PATENT-3,990,049

N77-20162* c 20 ..... NASA-CASE-LEW-12048-1
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US-PATENT-CLASS-313-230
US-PATENT-CLASS-313-231.3
US-PATENT-CLASS-313-360
US-PATENT-CLASS-315-111.3
US-PATENT-CLASS-315-111.6
US-PATENT-CLASS-60-202
US-PATENT-4,011,719

N77-20201* c 26 ..... NASA-CASE-LEW-12245-1
US-PATENT-APPL-SN-584094
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US-PATENT-CLASS-148-162
US-PATENT-CLASS-148-2
US-PATENT-CLASS-148-20.3
US-PATENT-CLASS-148-32.5
US-PATENT-CLASS-75-170
US-PATENT-4,012,237

N77-20289* c 32 ..... NASA-CASE-NPO-13753-1
US-PATENT-APPL-SN-658449
US-PATENT-CLASS-325-4
US-PATENT-CLASS-343-100ST
US-PATENT-CLASS-343-6.BR
US-PATENT-CLASS-343-6.5R
US-PATENT-4,012,696

N77-20399* c 35 ..... NASA-CASE-ARC-10716-1
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US-PATENT-CLASS-235-150.2
US-PATENT-CLASS-235-150.25
US-PATENT-CLASS-244-165
US-PATENT-CLASS-244-171
US-PATENT-CLASS-244-3.21
US-PATENT-4,012,018

N77-20400* c 35 ..... NASA-CASE-ARC-10911-1
US-PATENT-APPL-SN-610802
US-PATENT-CLASS-338-28
US-PATENT-CLASS-73-204
US-PATENT-4,011,756

N77-20401* c 35 ..... NASA-CASE-MFS-23267-1
US-PATENT-APPL-SN-653422
US-PATENT-CLASS-126-270
US-PATENT-CLASS-126-271
US-PATENT-CLASS-250-203R
US-PATENT-4,011,854

N77-20882* c 74 ..... NASA-CASE-LAR-11782-1
US-PATENT-APPL-SN-608482
US-PATENT-CLASS-350-145
US-PATENT-CLASS-350-174
US-PATENT-4,012,123

N77-21267* c 32 ..... NASA-CASE-LAR-11390-1
US-PATENT-APPL-SN-662176
US-PATENT-CLASS-340-5H
US-PATENT-CLASS-343-18B
US-PATENT-CLASS-343-5CM
US-PATENT-CLASS-343-5MM
US-PATENT-4,019,179

N77-21314* c 33 ..... NASA-CASE-NPO-10189-1
NASA-CASE-NPO-10781-1
US-PATENT-APPL-SN-744522
US-PATENT-CLASS-307-232
US-PATENT-CLASS-307-238
US-PATENT-CLASS-307-280
US-PATENT-CLASS-329-119
US-PATENT-CLASS-329-205
US-PATENT-CLASS-332-16
US-PATENT-CLASS-332-30
US-PATENT-CLASS-332-52
US-PATENT-3,582,828

N77-21315* c 33 ..... NASA-CASE-NPO-11510-1
US-PATENT-APPL-SN-173178
US-PATENT-APPL-SN-385059
US-PATENT-CLASS-313-161
US-PATENT-CLASS-313-184
US-PATENT-CLASS-313-224
US-PATENT-CLASS-313-32
US-PATENT-CLASS-315-344
US-PATENT-3,881,132

N77-21316* c 33 ..... NASA-CASE-NPO-10790-1
US-PATENT-APPL-SN-841278
US-PATENT-CLASS-313-175
US-PATENT-CLASS-313-180
US-PATENT-CLASS-313-184
US-PATENT-CLASS-315-108
US-PATENT-CLASS-315-110
US-PATENT-3,621,330

N77-21392* c 35 ..... NASA-CASE-NPO-10711-1
US-PATENT-APPL-SN-844315
US-PATENT-CLASS-179-100.2C
US-PATENT-3,697,705

N77-21393* c 35 ..... NASA-CASE-NPO-10619-1
US-PATENT-APPL-SN-757017
US-PATENT-CLASS-338-25
US-PATENT-3,555,483

N77-21844* c 54 ..... NASA-CASE-MFS-23074-1
US-PATENT-APPL-SN-623188
US-PATENT-CLASS-188-291
US-PATENT-CLASS-254-158
US-PATENT-4,018,423

N77-21941* c 74 ..... NASA-CASE-NPO-11429-1
US-PATENT-APPL-SN-95189
US-PATENT-CLASS-240-41.35R
US-PATENT-CLASS-240-41R
US-PATENT-CLASS-240-46.13
US-PATENT-CLASS-356-236
US-PATENT-3,711,701

N77-22386* c 33 ..... NASA-CASE-NPO-10870-1
NASA-CASE-NPO-11191-1
NASA-CASE-NPO-11403-1
US-PATENT-APPL-SN-108810
US-PATENT-CLASS-313-146
US-PATENT-CLASS-313-182
US-PATENT-CLASS-313-60
US-PATENT-3,736,453

N77-22449* c 35 ..... NASA-CASE-LAR-11825-1
US-PATENT-APPL-SN-632112
US-PATENT-CLASS-73-88R
US-PATENT-4,018,085

N77-22450* c 35 ..... NASA-CASE-MFS-23281-1
US-PATENT-APPL-SN-657995
US-PATENT-CLASS-73-15.6
US-PATENT-CLASS-73-95
US-PATENT-4,018,080

N77-22479* c 37 ..... NASA-CASE-NPO-10316-1
US-PATENT-APPL-SN-703107
US-PATENT-CLASS-60-53
US-PATENT-3,478,514

N77-22480* c 37 ..... NASA-CASE-NPO-13058-1
NASA-CASE-NPO-13096-1
US-PATENT-APPL-SN-403154
US-PATENT-CLASS-214-16.1CB
US-PATENT-3,896,955

N77-22482* c 37 ..... NASA-CASE-MSC-19536-1
US-PATENT-APPL-SN-658450
US-PATENT-CLASS-74-96
US-PATENT-4,018,092

N77-22606* c 44 ..... NASA-CASE-LEW-12364-1
US-PATENT-APPL-SN-707124
US-PATENT-CLASS-253-317
US-PATENT-CLASS-429-105
US-PATENT-CLASS-429-107
US-PATENT-CLASS-429-190
US-PATENT-4,018,971

N77-22607* c 44 ..... NASA-CASE-LAR-11361-1
US-PATENT-APPL-SN-669928
US-PATENT-CLASS-23-277R
US-PATENT-CLASS-23-281
US-PATENT-CLASS-423-648R
US-PATENT-CLASS-55-158
US-PATENT-4,019,868

N77-22794* c 51 ..... NASA-CASE-GSC-12039-1
US-PATENT-APPL-SN-572991
US-PATENT-CLASS-195-103.5K
US-PATENT-CLASS-195-103.5R
US-PATENT-4,014,745

N77-22950* c 74 ..... NASA-CASE-ARC-10976-1
US-PATENT-APPL-SN-665032
US-PATENT-CLASS-356-171
US-PATENT-4,018,533

N77-22951* c 74 ..... NASA-CASE-NPO-13722-1
US-PATENT-APPL-SN-616472
US-PATENT-CLASS-250-203R
US-PATENT-CLASS-250-211K
US-PATENT-CLASS-356-141
US-PATENT-CLASS-356-152
US-PATENT-CLASS-356-172
US-PATENT-4,018,532

N77-23106* c 07 ..... NASA-CASE-LEW-12830-1
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US-PATENT-APPL-SN-655149
US-PATENT-CLASS-123-122E
US-PATENT-CLASS-123-41.33
US-PATENT-CLASS-137-101
US-PATENT-CLASS-415-180
US-PATENT-CLASS-60-39.03
US-PATENT-CLASS-60-39.28R
US-PATENT-CLASS-60-39.66
US-PATENT-4,020,632

N77-23482* c 37 ..... NASA-CASE-LAR-11563-1
US-PATENT-APPL-SN-672815
US-PATENT-CLASS-29-DIG.35
US-PATENT-CLASS-29-447
US-PATENT-CLASS-403-273
US-PATENT-CLASS-53-9
US-PATENT-4,017,959

N77-23483* c 37 ..... NASA-CASE-MFS-23088-1
US-PATENT-APPL-SN-602617
US-PATENT-CLASS-213-81
US-PATENT-CLASS-214-1CM
US-PATENT-CLASS-244-161
US-PATENT-4,018,409

N77-24328* c 32 ..... NASA-CASE-ARC-10984-1
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US-PATENT-CLASS-358-138
US-PATENT-4,025,950

N77-24331* c 32 ..... NASA-CASE-MSC-14840-1
US-PATENT-APPL-SN-692414
US-PATENT-CLASS-178-88
US-PATENT-CLASS-325-346
US-PATENT-CLASS-329-104
US-PATENT-CLASS-329-122
US-PATENT-4,027,265

N77-24375* c 33 ..... NASA-CASE-MSC-12709-1
US-PATENT-APPL-SN-630583
US-PATENT-CLASS-307-225R
US-PATENT-CLASS-328-38
US-PATENT-CLASS-328-39
US-PATENT-CLASS-328-4-8
US-PATENT-CLASS-328-63
US-PATENT-4,025,866

N77-24423* c 34 ..... NASA-CASE-LAR-12045-1
US-PATENT-APPL-SN-682416
US-PATENT-CLASS-259/4R
US-PATENT-CLASS-261-DIG.75
US-PATENT-CLASS-261-123
US-PATENT-4,026,527

N77-24454* c 35 ..... NASA-CASE-ARC-10900-1
US-PATENT-APPL-SN-630579
US-PATENT-CLASS-338-229
US-PATENT-CLASS-338-28
US-PATENT-4,025,891

N77-24455* c 35 ..... NASA-CASE-GSC-12077-1
US-PATENT-APPL-SN-635519
US-PATENT-CLASS-65-108
US-PATENT-CLASS-65-59A
US-PATENT-CLASS-6554
US-PATENT-CLASS-6564
US-PATENT-4,025,327

N77-25499* c 36 ..... NASA-CASE-GSC-11571-1
US-PATENT-APPL-SN-646704
US-PATENT-CLASS-331-94.5S
US-PATENT-4,025,875

N77-25501* c 36 ..... NASA-CASE-ARC-10970-1
US-PATENT-APPL-SN-691046
US-PATENT-CLASS-250-574
US-PATENT-CLASS-350-100
US-PATENT-CLASS-350-102
US-PATENT-CLASS-356-28
US-PATENT-4,026,655

N77-25502* c 36 ..... NASA-CASE-NPO-13147-1
US-PATENT-APPL-SN-317310
US-PATENT-CLASS-330-4.3
US-PATENT-CLASS-331-94.5D
US-PATENT-CLASS-331-94.5P
US-PATENT-4,027,273

N77-25769* c 51 ..... NASA-CASE-LAR-10773-3
US-PATENT-APPL-SN-125235
US-PATENT-APPL-SN-314656
US-PATENT-APPL-SN-623238
US-PATENT-CLASS-195-1.8
US-PATENT-4,018,649

N77-25772* c 52 ..... NASA-CASE-KSC-11030-1
US-PATENT-APPL-SN-709849
US-PATENT-CLASS-128-1R
US-PATENT-CLASS-3-1
US-PATENT-CLASS-339,12R
US-PATENT-4,025,964

N77-26385* c 33 ..... NASA-CASE-LEW-11978-1
US-PATENT-APPL-SN-708658
US-PATENT-CLASS-204-32A
US-PATENT-CLASS-29-597
US-PATENT-CLASS-29-622
US-PATENT-CLASS-29-628
US-PATENT-CLASS-29-630E
US-PATENT-4,023,266

N77-26386* c 33 ..... NASA-CASE-GSC-11824-1
US-PATENT-APPL-SN-583486
US-PATENT-CLASS-318-138
US-PATENT-CLASS-318-227
US-PATENT-CLASS-318-254

US-PATENT-CLASS-75-170
US-PATENT-4,046,560
N77-32308* c 27 ..... NASA-CASE-GSC-12110-1
US-PATENT-APPL-SN-682435
US-PATENT-CLASS-156-645
US-PATENT-CLASS-156-663
US-PATENT-4,046,619
N77-32342* c 32 ..... NASA-CASE-NPO-13587-1
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US-PATENT-CLASS-343-100CL
US-PATENT-CLASS-343-5CM
US-PATENT-CLASS-343-5DP
US-PATENT-4,045,795
N77-32413* c 34 ..... NASA-CASE-GSC-11998-1
US-PATENT-APPL-SN-579989
US-PATENT-CLASS-165-105
US-PATENT-4,046,190
N77-32454* c 35 ..... NASA-CASE-LEW-12050-1
US-PATENT-APPL-SN-629457
US-PATENT-CLASS-136-202
US-PATENT-CLASS-136-236R
US-PATENT-CLASS-136-240
US-PATENT-4,045,247
N77-32455* c 35 ..... NASA-CASE-NPO-13792-1
US-PATENT-APPL-SN-677351
US-PATENT-CLASS-324-57H
US-PATENT-CLASS-324-59
US-PATENT-4,045,728
N77-32456* c 35 ..... NASA-CASE-GSC-12143-1
US-PATENT-APPL-SN-743249
US-PATENT-CLASS-250-288
US-PATENT-CLASS-73-421.5R
US-PATENT-4,046,012
N77-32478* c 36 ..... NASA-CASE-LEW-12164-1
US-PATENT-APPL-SN-511334
US-PATENT-CLASS-350-162SF
US-PATENT-4,043,674
N77-32499* c 37 ..... NASA-CASE-MSC-19535-1
US-PATENT-APPL-SN-641784
US-PATENT-CLASS-292-110
US-PATENT-4,045,063
N77-32500* c 37 ..... NASA-CASE-LEW-12527-1
US-PATENT-APPL-SN-595747
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US-PATENT-CLASS-308-195
US-PATENT-CLASS-308-72
US-PATENT-4,046,434
N77-32501* c 37 ..... NASA-CASE-LEW-12477-1
US-PATENT-APPL-SN-595745
US-PATENT-CLASS-290-52
US-PATENT-CLASS-308-195
US-PATENT-4,046,435
N77-32580* c 44 ..... NASA-CASE-NPO-13675-1
US-PATENT-APPL-SN-658132
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US-PATENT-CLASS-250-527
US-PATENT-4,045,315
N77-32581* c 44 ..... NASA-CASE-NPO-13510-1
US-PATENT-APPL-SN-536786
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US-PATENT-CLASS-165-107
US-PATENT-CLASS-165-2
US-PATENT-CLASS-62-4
US-PATENT-4,044,821
N77-32582* c 44 ..... NASA-CASE-NPO-13810-1
US-PATENT-APPL-SN-681096
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US-PATENT-CLASS-126-271
US-PATENT-CLASS-52-117
US-PATENT-CLASS-60-641
US-PATENT-4,044,753
N77-32583* c 44 ..... NASA-CASE-NPO-13736-1
US-PATENT-APPL-SN-681017
US-PATENT-CLASS-350-295
US-PATENT-CLASS-350-320
US-PATENT-CLASS-427-130
US-PATENT-CLASS-427-47
US-PATENT-CLASS-52-2
US-PATENT-4,046,462
N77-32721* c 54 ..... NASA-CASE-ARC-10756-1
US-PATENT-APPL-SN-436313
US-PATENT-CLASS-2-2.1A
US-PATENT-CLASS-214-1BC
US-PATENT-CLASS-214-1CM
US-PATENT-4,046,262
N77-32722* c 54 ..... NASA-CASE-MSC-14771-1
US-PATENT-APPL-SN-688854
US-PATENT-CLASS-165-166
US-PATENT-CLASS-55-179
US-PATENT-CLASS-55-269
US-PATENT-4,046,529
N77-32731* c 60 ..... NASA-CASE-GSC-11839-3
US-PATENT-APPL-SN-468614
US-PATENT-APPL-SN-657997
US-PATENT-CLASS-250-199
US-PATENT-CLASS-340-347AD
US-PATENT-CLASS-350-96R
US-PATENT-4,045,792
N77-32919* c 76 ..... NASA-CASE-MFS-23001-1
US-PATENT-APPL-SN-610801
US-PATENT-CLASS-156-DIG.62
US-PATENT-CLASS-156-601
US-PATENT-CLASS-156-619
US-PATENT-CLASS-156-620
US-PATENT-4,046,617
N78-10214* c 24 ..... NASA-CASE-LAR-11898-1
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US-PATENT-CLASS-428-138
US-PATENT-CLASS-428-73
US-PATENT-CLASS-428-902
US-PATENT-4,052,523
N78-10224* c 25 ..... NASA-CASE-LEW-12137-1
US-PATENT-APPL-SN-672210
US-PATENT-CLASS-165-105
US-PATENT-CLASS-431-158
US-PATENT-CLASS-431-352
US-PATENT-CLASS-60-39.51R
US-PATENT-4,052,144
N78-10225* c 25 ..... NASA-CASE-MSC-14831-1
US-PATENT-APPL-SN-685027
US-PATENT-CLASS-204-292
US-PATENT-CLASS-210-63R
US-PATENT-CLASS-210-71
US-PATENT-CLASS-252-472
US-PATENT-CLASS-427-229
US-PATENT-4,052,302
N78-10375* c 33 ..... NASA-CASE-MSC-14916-1
US-PATENT-APPL-SN-739914
US-PATENT-CLASS-179-107R
US-PATENT-CLASS-179-175.1A
US-PATENT-CLASS-330-2
US-PATENT-4.049,930
N78-10376* c 33 ..... NASA-CASE-MFS-23280-1
US-PATENT-APPL-SN-706425
US-PATENT-CLASS-318-200
US-PATENT-CLASS-318-227
US-PATENT-CLASS-318-230
US-PATENT-4,052,648
N78-10377* c 33 ..... NASA-CASE-NPO-13872-1
US-PATENT-APPL-SN-742034
US-PATENT-CLASS-363-57
US-PATENT-CLASS-363-89
US-PATENT-4,052,659
N78-10428* c 35 ..... NASA-CASE-MSC-14757-1
US-PATENT-APPL-SN-625734
US-PATENT-CLASS-141-197
US-PATENT-CLASS-141-4
US-PATENT-CLASS-417-225
US-PATENT-CLASS-60-560
US-PATENT-CLASS-60-574
US-PATENT-4,051,877
N78-10429* c 35 ..... NASA-CASE-NPO-13772-1
US-PATENT-APPL-SN-675351
US-PATENT-CLASS-250-310
US-PATENT-CLASS-250-398
US-PATENT-4,052,614
N78-10467* c 37 ..... NASA-CASE-LEW-12321-1
US-PATENT-APPL-SN-596641
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US-PATENT-CLASS-123-41.33
US-PATENT-CLASS-137-104
US-PATENT-CLASS-415-180
US-PATENT-CLASS-60-39.28R
US-PATENT-CLASS-60-39.66
US-PATENT-4,041,697
N78-10468* c 37 ..... NASA-CASE-LEW-12313-1
US-PATENT-APPL-SN-581751
US-PATENT-CLASS-416-135
US-PATENT-CLASS-416-141
US-PATENT-CLASS-416-220R
US-PATENT-CLASS-416-248
US-PATENT-4,047,840
N78-10493* c 39 ..... NASA-CASE-NPO-13731-1
US-PATENT-APPL-SN-653682
US-PATENT-CLASS-73-15.6
US-PATENT-CLASS-73-91
US-PATENT-4,030,348
N78-10529* c 43 ..... NASA-CASE-GSC-11976-1
US-PATENT-APPL-SN-677352
US-PATENT-CLASS-324-58.5B
US-PATENT-4,052,666
N78-10554* c 44 ..... NASA-CASE-NPO-13734-1
US-PATENT-APPL-SN-680939
US-PATENT-CLASS-126-271
US-PATENT-CLASS-237-1A
US-PATENT-CLASS-350-293
US-PATENT-CLASS-350-299
US-PATENT-4,051,834
N78-10686* c 52 ..... NASA-CASE-ARC-10916-1
US-PATENT-APPL-SN-701448
US-PATENT-CLASS-3-1.2
US-PATENT-CLASS-3-15
US-PATENT-CLASS-3-29
US-PATENT-4,051,558
N78-10709* c 60 ..... NASA-CASE-GSC-11839-2
US-PATENT-APPL-SN-468614
US-PATENT-APPL-SN-657996
US-PATENT-CLASS-340-173LM
US-PATENT-CLASS-350-96R
US-PATENT-CLASS-356-169
US-PATENT-4,052,705
N78-10837* c 71 ..... NASA-CASE-NPO-13802-1
US-PATENT-APPL-SN-658133
US-PATENT-CLASS-264-23
US-PATENT-CLASS-264-345
US-PATENT-CLASS-65-DIG.4
US-PATENT-CLASS-65-DIG.7
US-PATENT-CLASS-65-102
US-PATENT-CLASS-65-2
US-PATENT-CLASS-65-32
US-PATENT-CLASS-65-4B
US-PATENT-CLASS-65-87
US-PATENT-CLASS-73-505
US-PATENT-4,052,181
N78-12390* c 35 ..... NASA-CASE-MSC-14773-1
US-PATENT-APPL-SN-612966
US-PATENT-CLASS-137-197
US-PATENT-CLASS-210-222
US-PATENT-CLASS-55-100
US-PATENT-CLASS-55-26-9
US-PATENT-CLASS-55-3
US-PATENT-CLASS-62-50
US-PATENT-CLASS-62-514R
US-PATENT-4,027,494
N78-13320* c 33 ..... NASA-CASE-MFS-23274-1
US-PATENT-APPL-SN-714158
US-PATENT-CLASS-307-306
US-PATENT-CLASS-338-32S
US-PATENT-CLASS-357-4
US-PATENT-CLASS-357-5
US-PATENT-CLASS-357-73
US-PATENT-4,055,847
N78-13400* c 35 ..... NASA-CASE-ARC-10639-1
US-PATENT-APPL-SN-643043
US-PATENT-CLASS-250-336
US-PATENT-CLASS-250-343
US-PATENT-CLASS-250-351
US-PATENT-4,055,764
N78-13436* c 37 ..... NASA-CASE-LEW-12083-1
US-PATENT-APPL-SN-659882
US-PATENT-CLASS-250-499
US-PATENT-CLASS-313-61S
US-PATENT-CLASS-427-124
US-PATENT-CLASS-427-126
US-PATENT-CLASS-427-248E
US-PATENT-CLASS-427-250
US-PATENT-CLASS-427-255
US-PATENT-4,055,686
N78-13526* c 44 ..... NASA-CASE-NPO-13482-1
US-PATENT-APPL-SN-495021
US-PATENT-CLASS-136-89SJ
US-PATENT-CLASS-357-15
US-PATENT-CLASS-357-16
US-PATENT-CLASS-357-30
US-PATENT-4,053,918
N78-13874* c 74 ..... NASA-CASE-GSC-12088-1
US-PATENT-APPL-SN-648700
US-PATENT-CLASS-356-103
US-PATENT-CLASS-356-104
US-PATENT-4,053,229
N78-14096* c 24 ..... NASA-CASE-ARC-11042-1
US-PATENT-APPL-SN-734902
US-PATENT-CLASS-252-8.1
US-PATENT-CLASS-60-836
US-PATENT-4,061,579
N78-14104* c 25 ..... NASA-CASE-ARC-10991-1
US-PATENT-APPL-SN-744574
US-PATENT-CLASS-204-180G
US-PATENT-CLASS-204-299R
US-PATENT-4,061,561
N78-14164* c 27 ..... NASA-CASE-NPO-13867-1
US-PATENT-APPL-SN-692284
US-PATENT-CLASS-260-DIG.15
US-PATENT-CLASS-427-164
US-PATENT-CLASS-428-411
US-PATENT-CLASS-428-522
US-PATENT-CLASS-428-922
US-PATENT-CLASS-96-87A
US-PATENT-4,061,834
N78-14364* c 35 ..... NASA-CASE-ARC-11046-1
US-PATENT-APPL-SN-712419
US-PATENT-CLASS-340-27SS
US-PATENT-CLASS-73-180
US-PATENT-4,061,029
N78-14380* c 36 ..... NASA-CASE-MFS-19259-1
US-PATENT-APPL-SN-732630

US-PATENT-CLASS-250-571
US-PATENT-CLASS-356-159
US-PATENT-CLASS-356-160
US-PATENT-CLASS-356-199
US-PATENT-4,061,427

N78-14452* c 43 ..... NASA-CASE-LEW-12217-1
US-PATENT-APPL-SN-763753
US-PATENT-CLASS-166-248
US-PATENT-CLASS-166-259
US-PATENT-4,061,190

N78-14625* c 44 ..... NASA-CASE-LEW-12039-1
US-PATENT-APPL-SN-687822
US-PATENT-CLASS-320-15
US-PATENT-CLASS-320-18
US-PATENT-CLASS-320-40
US-PATENT-CLASS-320-6
US-PATENT-4,061,955

N78-14773* c 52 ..... NASA-CASE-LEW-12668-1
US-PATENT-APPL-SN-677353
US-PATENT-CLASS-128-305
US-PATENT-4,061,146

N78-14784* c 54 ..... NASA-CASE-MSC-14632-1
US-PATENT-APPL-SN-571459
US-PATENT-CLASS-204-180P
US-PATENT-CLASS-204-301
US-PATENT-CLASS-210-192
US-PATENT-CLASS-210-96M
US-PATENT-CLASS-23-253A
US-PATENT-4,061,570

N78-14867* c 71 ..... NASA-CASE-LAR-12106-1
US-PATENT-APPL-SN-740156
US-PATENT-CLASS-330-52
US-PATENT-CLASS-73-646
US-PATENT-4,061,041

N78-14889* c 74 ..... NASA-CASE-KSC-11047-1
US-PATENT-APPL-SN-715485
US-PATENT-CLASS-179-91R
US-PATENT-CLASS-250-199
US-PATENT-CLASS-358-142
US-PATENT-4,061,577

N78-15180* c 24 ..... NASA-CASE-ARC-10913-1
US-PATENT-APPL-SN-698646
US-PATENT-CLASS-106-15FP
US-PATENT-CLASS-260-2.5N
US-PATENT-CLASS-260-2.5R
US-PATENT-CLASS-428-117
US-PATENT-CLASS-428-290
US-PATENT-CLASS-428-71
US-PATENT-CLASS-428-73
US-PATENT-CLASS-428-920
US-PATENT-4,061,812

N78-15210* c 25 ..... NASA-CASE-LAR-12046-1
US-PATENT-APPL-SN-755310
US-PATENT-CLASS-23-230PC
US-PATENT-CLASS-23-232E
US-PATENT-CLASS-23-232R
US-PATENT-CLASS-73-23
US-PATENT-4,062,650

N78-15276* c 27 ..... NASA-CASE-LEW-12053-1
US-PATENT-APPL-SN-513613
US-PATENT-CLASS-260-2R
US-PATENT-CLASS-526-193
US-PATENT-CLASS-526-225
US-PATENT-CLASS-544-193
US-PATENT-4,061,856

N78-15323* c 32 ..... NASA-CASE-NPO-13836-1
US-PATENT-APPL-SN-699002
US-PATENT-CLASS-178-69.1
US-PATENT-CLASS-325-58
US-PATENT-CLASS-325-63
US-PATENT-CLASS-343-179
US-PATENT-4,061,974

N78-15461* c 35 ..... NASA-CASE-NPO-13808-1
US-PATENT-APPL-SN-675328
US-PATENT-CLASS-250-322
US-PATENT-CLASS-250-416TV
US-PATENT-4,063,092

N78-15512* c 39 ..... NASA-CASE-LAR-12016-1
US-PATENT-APPL-SN-754066
US-PATENT-CLASS-73-579
US-PATENT-CLASS-73-630
US-PATENT-CLASS-73-88F
US-PATENT-4,062,227

N78-15560* c 44 ..... NASA-CASE-LAR-12009-1
US-PATENT-APPL-SN-717320
US-PATENT-CLASS-126-270
US-PATENT-CLASS-126-400
US-PATENT-CLASS-237-1A
US-PATENT-4,062,347

N78-15879* c 74 ..... NASA-CASE-LAR-10385-3
US-PATENT-APPL-SN-370999
US-PATENT-APPL-SN-38816
US-PATENT-CLASS-350-1
US-PATENT-CLASS-428-334
US-PATENT-CLASS-428-336
US-PATENT-CLASS-428-426
US-PATENT-CLASS-428-428
US-PATENT-4,062,996

N78-15880* c 74 ..... NASA-CASE-MFS-22409-2
US-PATENT-APPL-SN-445398
US-PATENT-APPL-SN-636193
US-PATENT-CLASS-250-272
US-PATENT-CLASS-250-320
US-PATENT-4,063,088

N78-16369* c 37 ..... NASA-CASE-NPO-13619-1
US-PATENT-APPL-SN-572990
US-PATENT-CLASS-185-38
US-PATENT-CLASS-74-81
US-PATENT-CLASS-74-83
US-PATENT-4,062,245

N78-16387* c 39 ..... NASA-CASE-LAR-11490-1
US-PATENT-APPL-SN-707125
US-PATENT-CLASS-358-106
US-PATENT-4,063,282

N78-17031* c 04 ..... NASA-CASE-XNP-01458
US-PATENT-APPL-SN-160093
US-PATENT-CLASS-235-70
US-PATENT-3,229,905

N78-17055* c 07 ..... NASA-CASE-LEW-12317-1
US-PATENT-APPL-SN-581750
US-PATENT-CLASS-60-204
US-PATENT-CLASS-60-226R
US-PATENT-CLASS-60-271
US-PATENT-4,068,469

N78-17056* c 07 ..... NASA-CASE-LEW-12390-1
US-PATENT-APPL-SN-522109
US-PATENT-CLASS-60-226R
US-PATENT-CLASS-74-385
US-PATENT-CLASS-74-417
US-PATENT-4,068,470

N78-17140* c 17 ..... NASA-CASE-HQN-10880-1
US-PATENT-APPL-SN-595254
US-PATENT-CLASS-325-118
US-PATENT-CLASS-325-66
US-PATENT-CLASS-343-112R
US-PATENT-CLASS-343-225
US-PATENT-CLASS-362-269
US-PATENT-4,067,015

N78-17149* c 24 ..... NASA-CASE-LAR-11898-2
US-PATENT-APPL-SN-723264
US-PATENT-APPL-SN-799024
US-PATENT-CLASS-156-245
US-PATENT-CLASS-156-285
US-PATENT-CLASS-156-289
US-PATENT-CLASS-428-116
US-PATENT-CLASS-428-902
US-PATENT-4,063,981

N78-17150* c 24 ..... NASA-CASE-LAR-12019-1
US-PATENT-APPL-SN-792067
US-PATENT-CLASS-156-154
US-PATENT-CLASS-156-264
US-PATENT-CLASS-156-285
US-PATENT-CLASS-156-286
US-PATENT-CLASS-156-289
US-PATENT-CLASS-156-300
US-PATENT-CLASS-156-306
US-PATENT-CLASS-156-311
US-PATENT-CLASS-264-157
US-PATENT-CLASS-264-90
US-PATENT-CLASS-428-294
US-PATENT-CLASS-428-302
US-PATENT-4,065,340

N78-17205* c 27 ..... NASA-CASE-LAR-12181-1
US-PATENT-APPL-SN-532784
US-PATENT-APPL-SN-734901
US-PATENT-CLASS-156-309
US-PATENT-CLASS-156-331
US-PATENT-CLASS-260-30.4N
US-PATENT-CLASS-260-32.2R
US-PATENT-CLASS-260-32.6NT
US-PATENT-CLASS-260-33.4R
US-PATENT-4,065,345

N78-17206* c 27 ..... NASA-CASE-LAR-11902-1
US-PATENT-APPL-SN-672695
US-PATENT-CLASS-106-43
US-PATENT-CLASS-60-200A
US-PATENT-CLASS-75-229
US-PATENT-CLASS-75-239
US-PATENT-CLASS-75-241
US-PATENT-4,067,742

N78-17213* c 27 ..... NASA-CASE-MSC-14331-2
US-PATENT-APPL-SN-657907
US-PATENT-CLASS-260-75NH
US-PATENT-CLASS-260-75NK
US-PATENT-CLASS-260-75NT
US-PATENT-CLASS-260-77.5AM
US-PATENT-CLASS-260-77.5AN
US-PATENT-CLASS-260-77.5AP
US-PATENT-CLASS-260-77.5AT
US-PATENT-CLASS-260-77.55P
US-PATENT-4,069,212

N78-17214* c 27 ..... NASA-CASE-NPO-10557
US-PATENT-APPL-SN-759220
US-PATENT-CLASS-260-67
US-PATENT-3,538,053

N78-17215* c 27 ..... NASA-CASE-NPO-13764-1
US-PATENT-APPL-SN-674194
US-PATENT-CLASS-128-92C
US-PATENT-CLASS-128-92G
US-PATENT-CLASS-260-42.17
US-PATENT-CLASS-3-1.9
US-PATENT-4,064,566

N78-17237* c 31 ..... NASA-CASE-LEW-11981-1
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US-PATENT-CLASS-62-376
US-PATENT-CLASS-62-514R
US-PATENT-4,068,495

N78-17238* c 31 ..... NASA-CASE-NPO-11978
US-PATENT-APPL-SN-264268
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US-PATENT-CLASS-313-176
US-PATENT-CLASS-313-180
US-PATENT-CLASS-313-184
US-PATENT-CLASS-313-224
US-PATENT-3,769,544

N78-17293* c 33 ..... NASA-CASE-XLE-06094
US-PATENT-APPL-SN-523632
US-PATENT-CLASS-315-22
US-PATENT-3,423,627

N78-17294* c 33 ..... NASA-CASE-MSC-11235
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US-PATENT-CLASS-307-297
US-PATENT-CLASS-323-4
US-PATENT-CLASS-328-172
US-PATENT-3,573,504

N78-17295* c 33 ..... NASA-CASE-XGS-09186
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US-PATENT-CLASS-323-18
US-PATENT-3,475,675

N78-17296* c 33 ..... NASA-CASE-GSC-10135
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US-PATENT-CLASS-307-53
US-PATENT-CLASS-307-69
US-PATENT-CLASS-320-53
US-PATENT-CLASS-323-19
US-PATENT-3,600,599

N78-17335* c 34 ..... NASA-CASE-LEW-12508-1
US-PATENT-APPL-SN-746580
US-PATENT-CLASS-62-3
US-PATENT-4,069,028

N78-17336* c 34 ..... NASA-CASE-ARC-10198
US-PATENT-APPL-SN-42088
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US-PATENT-CLASS-165-134
US-PATENT-3,777,811

N78-17337* c 34 ..... NASA-CASE-ARC-10199
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US-PATENT-CLASS-165-105
US-PATENT-CLASS-165-32
US-PATENT-CLASS-165-96
US-PATENT-CLASS-2-2.1
US-PATENT-3,543,839

N78-17357* c 35 ..... NASA-CASE-MFS-23194-1
US-PATENT-APPL-SN-629458
US-PATENT-CLASS-350-3.5
US-PATENT-4,065,202

N78-17358* c 35 ..... NASA-CASE-MSC-11242
US-PATENT-APPL-SN-636796
US-PATENT-CLASS-73-67.2
US-PATENT-3,492,858

N78-17359* c 35 ..... NASA-CASE-NPO-11150
US-PATENT-APPL-SN-858950
US-PATENT-CLASS-338-100
US-PATENT-CLASS-338-36
US-PATENT-CLASS-338-99
US-PATENT-3,641,470

N78-17366* c 36 ..... NASA-CASE-MFS-22597
US-PATENT-APPL-SN-395895
US-PATENT-CLASS-315-108
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US-PATENT-CLASS-331-94.5T
US-PATENT-3,882,417

N78-17383* c 37 ..... NASA-CASE-MSC-19666-1
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US-PATENT-CLASS-118-500
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US-PATENT-CLASS-269-21
US-PATENT-CLASS-279-3
US-PATENT-CLASS-51-235
US-PATENT-4,066,039

N78-17384* c 37 ..... NASA-CASE-LEW-12916-1
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US-PATENT-CLASS-60-262
US-PATENT-CLASS-60-271

US-PATENT-4,064,692
N78-17385* c 37 ..... NASA-CASE-WOO-00625
US-PATENT-APPL-SN-362278
US-PATENT-CLASS-74-800
US-PATENT-3,306,134
N78-17386* c 37 ..... NASA-CASE-NPO-10151
US-PATENT-APPL-SN-365244
US-PATENT-CLASS-328-233
US-PATENT-3,387,218
N78-17395* c 38 ..... NASA-CASE-NPO-13283
US-PATENT-APPL-SN-401225
US-PATENT-CLASS-235-151.3
US-PATENT-CLASS-235-156
US-PATENT-CLASS-235-181
US-PATENT-CLASS-250-572
US-PATENT-CLASS-356-237
US-PATENT-3,908,118
N78-17396* c 38 ..... NASA-CASE-NPO-13282
US-PATENT-APPL-SN-401224
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US-PATENT-CLASS-235-156
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US-PATENT-CLASS-250-572
US-PATENT-CLASS-356-165
US-PATENT-CLASS-356-237
US-PATENT-3,909,602
N78-17460* c 44 ..... NASA-CASE-NPO-13579-1
US-PATENT-APPL-SN-598969
US-PATENT-CLASS-126-263
US-PATENT-CLASS-126-271
US-PATENT-CLASS-165-2
US-PATENT-CLASS-237-1A
US-PATENT-CLASS-60-641
US-PATENT-CLASS-62-4
US-PATENT-4,065,053
N78-17675* c 54 ..... NASA-CASE-ARC-11101-1
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US-PATENT-CLASS-36-119
US-PATENT-CLASS-36-92
US-PATENT-4,064,642
N78-17676* c 54 ..... NASA-CASE-MFS-23311-1
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US-PATENT-CLASS-3-12.5
US-PATENT-CLASS-74-515E
US-PATENT-4,068,763
N78-17677* c 54 ..... NASA-CASE-MSC-13054
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US-PATENT-CLASS-2-161
US-PATENT-3,490,074
N78-17678* c 54 ..... NASA-CASE-XMS-04670
US-PATENT-APPL-SN-535169
US-PATENT-CLASS-2-2.1
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N78-17679* c 54 ..... NASA-CASE-XMS-04928
US-PATENT-APPL-SN-584914
US-PATENT-CLASS-98-1
US-PATENT-3,487,765
N78-17680* c 54 ..... NASA-CASE-XMS-09653
US-PATENT-APPL-SN-538863
US-PATENT-CLASS-2-6
US-PATENT-3,359,568
N78-17691* c 60 ..... NASA-CASE-GSC-12044-1
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US-PATENT-4,069,478
N78-17865* c 74 ..... NASA-CASE-MSC-12618-1
US-PATENT-APPL-SN-651007
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US-PATENT-CLASS-358-225
US-PATENT-CLASS-358-41
US-PATENT-CLASS-358-55
US-PATENT-4,067,043
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US-PATENT-CLASS-350-204
US-PATENT-CLASS-356-28
US-PATENT-4,063,814
N78-17867* c 74 ..... NASA-CASE-NPO-13759-1
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US-PATENT-CLASS-250-344
US-PATENT-CLASS-356-204
US-PATENT-CLASS-356-246
US-PATENT-4,067,653
N78-18066* c 07 ..... NASA-CASE-LEW-12389-2
US-PATENT-APPL-SN-628221
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US-PATENT-CLASS-244-54
US-PATENT-CLASS-60-226R
US-PATENT-CLASS-60-39.31
US-PATENT-4,055,041
N78-18067* c 07 ..... NASA-CASE-LEW-12917-1
US-PATENT-APPL-SN-583055
US-PATENT-CLASS-60-204
US-PATENT-CLASS-60-262
US-PATENT-4,069,661
N78-18083* c 09 ..... NASA-CASE-ARC-10903-1
US-PATENT-APPL-SN-623536
US-PATENT-CLASS-35-12N
US-PATENT-CLASS-358-104
US-PATENT-4,055,004
N78-18182* c 26 ..... NASA-CASE-LEW-12095-1
US-PATENT-APPL-SN-651009
US-PATENT-CLASS-75-124
US-PATENT-CLASS-75-126D
US-PATENT-CLASS-75-126F
US-PATENT-CLASS-75-128G
US-PATENT-CLASS-75-128T
US-PATENT-4,055,416
N78-18183* c 26 ..... NASA-CASE-LEW-12905-1
US-PATENT-APPL-SN-684171
US-PATENT-CLASS-148-32
US-PATENT-CLASS-148-32.5
US-PATENT-CLASS-75-170
US-PATENT-4,055,447
N78-18308* c 33 ..... NASA-CASE-FRC-10090-1
US-PATENT-APPL-SN-737974
US-PATENT-CLASS-307-265
US-PATENT-CLASS-307-350
US-PATENT-CLASS-307-360
US-PATENT-CLASS-328-150
US-PATENT-4,055,777
N78-18355* c 34 ..... NASA-CASE-LEW-12554-1
US-PATENT-APPL-SN-686449
US-PATENT-CLASS-427-34
US-PATENT-CLASS-427-405
US-PATENT-CLASS-427-419A
US-PATENT-CLASS-427-423
US-PATENT-CLASS-428-633
US-PATENT-CLASS-428-652
US-PATENT-CLASS-428-667
US-PATENT-4,055,705
N78-18390* c 35 ..... NASA-CASE-MFS-23008-1
US-PATENT-APPL-SN-665734
US-PATENT-CLASS-73-DIG.11
US-PATENT-CLASS-73-28
US-PATENT-CLASS-73-432PS
US-PATENT-CLASS-73-432R
US-PATENT-4,055,089
N78-18391* c 35 ..... NASA-CASE-NPO-13687-1
US-PATENT-APPL-SN-641803
US-PATENT-CLASS-356-106S
US-PATENT-CLASS-356-110
US-PATENT-4,053,231
N78-18395*# c 35 ..... NASA-CASE-NPO-13999-1
US-PATENT-APPL-SN-858596
N78-18410* c 36 ..... NASA-CASE-NPO-13801-1
US-PATENT-APPL-SN-708796
US-PATENT-CLASS-330-4
US-PATENT-CLASS-332-7.5
US-PATENT-4,055,810
N78-18761* c 54 ..... NASA-CASE-MSC-10954-1
US-PATENT-APPL-SN-529884
US-PATENT-CLASS-2-2.1
US-PATENT-3,514,785
N78-18905* c 74 ..... NASA-CASE-GSC-12010-1
US-PATENT-APPL-SN-680958
US-PATENT-CLASS-250-213VT
US-PATENT-CLASS-313-442
US-PATENT-CLASS-313-94
US-PATENT-4,070,574
N78-19302* c 27 ..... NASA-CASE-NPO-13690-1
US-PATENT-APPL-SN-633876
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US-PATENT-CLASS-106-65
US-PATENT-CLASS-106-73.5
US-PATENT-4,072,532
N78-19465* c 35 ..... NASA-CASE-ARC-10896-1
US-PATENT-APPL-SN-615030
US-PATENT-CLASS-73-23
US-PATENT-4,055,072
N78-19466* c 35 ..... NASA-CASE-ARC-10820-1
US-PATENT-APPL-SN-620675
US-PATENT-CLASS-119-51.11
US-PATENT-CLASS-119-72.5
US-PATENT-CLASS-137-624.11
US-PATENT-4,055,147
N78-19599* c 44 ..... NASA-CASE-LEW-12159-1
US-PATENT-APPL-SN-643041
US-PATENT-CLASS-126-270
US-PATENT-CLASS-427-160
US-PATENT-CLASS-428-652
US-PATENT-CLASS-428-667
US-PATENT-CLASS-428-679
US-PATENT-4,055,707
N78-19920* c 73 ..... NASA-CASE-HQN-10841-1
US-PATENT-APPL-SN-560891
US-PATENT-CLASS-176-39
US-PATENT-CLASS-330-4.3
US-PATENT-4,075,057
N78-24275* c 20 ..... NASA-CASE-LAR-12018-1
US-PATENT-APPL-SN-678520
US-PATENT-CLASS-102-39
US-PATENT-CLASS-102-49.7
US-PATENT-CLASS-102-70R
US-PATENT-CLASS-285-192
US-PATENT-CLASS-60-39.82E
US-PATENT-4,080,901
N78-24290* c 24 ..... NASA-CASE-MFS-23506-1
US-PATENT-APPL-SN-760809
US-PATENT-CLASS-260-2.5AK
US-PATENT-CLASS-260-2.5AP
US-PATENT-CLASS-260-2.5B
US-PATENT-CLASS-260-2.5BE
US-PATENT-CLASS-260-2.5EP
US-PATENT-CLASS-260-2.5FP
US-PATENT-CLASS-260-29.1R
US-PATENT-CLASS-260-37EP
US-PATENT-CLASS-427-427
US-PATENT-4,077,921
N78-24333* c 26 ..... NASA-CASE-MSC-19693-1
US-PATENT-APPL-SN-708771
US-PATENT-CLASS-148-12.7A
US-PATENT-CLASS-148-125
US-PATENT-4,077,813
N78-24365* c 28 ..... NASA-CASE-LEW-12081-1
US-PATENT-APPL-SN-676432
US-PATENT-CLASS-250-492R
US-PATENT-CLASS-34-15
US-PATENT-CLASS-423-648R
US-PATENT-CLASS-62-100
US-PATENT-CLASS-62-48
US-PATENT-4,077,788
N78-24391* c 32 ..... NASA-CASE-NPO-13886-1
US-PATENT-APPL-SN-730045
US-PATENT-CLASS-307-151
US-PATENT-CLASS-343-700MS
US-PATENT-CLASS-361-395
US-PATENT-4,079,268
N78-24515* c 35 ..... NASA-CASE-LAR-11201-1
US-PATENT-APPL-SN-788705
US-PATENT-CLASS-416-144
US-PATENT-CLASS-416-61
US-PATENT-CLASS-73-456
US-PATENT-CLASS-73-756
US-PATENT-4,082,001
N78-24544* c 37 ..... NASA-CASE-MSC-16000-1
US-PATENT-APPL-SN-739915
US-PATENT-CLASS-29-156.8R
US-PATENT-CLASS-29-23.5
US-PATENT-CLASS-29-244
US-PATENT-CLASS-29-252
US-PATENT-4,078,290
N78-24545* c 37 ..... NASA-CASE-LEW-12785-1
US-PATENT-APPL-SN-739909
US-PATENT-CLASS-60-39.28R
US-PATENT-4,078,378
N78-24608* c 44 ..... NASA-CASE-GSC-12030-1
US-PATENT-APPL-SN-710035
US-PATENT-CLASS-308-10
US-PATENT-CLASS-310-153
US-PATENT-CLASS-310-154
US-PATENT-CLASS-310-178
US-PATENT-CLASS-310-269
US-PATENT-4,077,678
N78-24609* c 44 ..... NASA-CASE-GSC-12022-2
US-PATENT-APPL-SN-693074
US-PATENT-CLASS-136-89SG
US-PATENT-CLASS-148-174
US-PATENT-CLASS-29-572
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-59
US-PATENT-CLASS-427-113
US-PATENT-CLASS-427-248J
US-PATENT-CLASS-427-249
US-PATENT-CLASS-427-86
US-PATENT-4,077,818
N78-24950* c 76 ..... NASA-CASE-MFS-23315-1
US-PATENT-APPL-SN-724874
US-PATENT-CLASS-250-277CH
US-PATENT-CLASS-250-280
US-PATENT-4,078,175
N78-25089* c 07 ..... NASA-CASE-LEW-12452-1
US-PATENT-APPL-SN-695513
US-PATENT-CLASS-60-226R
US-PATENT-CLASS-60-39.52
US-PATENT-4,083,181
N78-25090* c 07 ..... NASA-CASE-LEW-11855-1
US-PATENT-APPL-SN-672222
US-PATENT-CLASS-277-134
US-PATENT-CLASS-277-25
US-PATENT-4,084,825
N78-25119* c 15 ..... NASA-CASE-MFS-23564-1
US-PATENT-APPL-SN-739908
US-PATENT-CLASS-244-161
US-PATENT-CLASS-244-167

US-PATENT-APPL-SN-780569
US-PATENT-CLASS-2-2.1A
US-PATENT-4,091,465

N78-32086* c 05 ..... NASA-CASE-LAR-11932-1
US-PATENT-APPL-SN-718244
US-PATENT-CLASS-244-218
US-PATENT-CLASS-244-45A
US-PATENT-CLASS-244-46
US-PATENT-4,093,156

N78-32168*# c 15 ..... NASA-CASE-LAR-12264-1
US-PATENT-APPL-SN-943087

N78-32179* c 20 ..... NASA-CASE-NPO-11458A
US-PATENT-APPL-SN-48621
US-PATENT-CLASS-102-103
US-PATENT-CLASS-149-19.4
US-PATENT-CLASS-149-42
US-PATENT-CLASS-149-43
US-PATENT-CLASS-149-44
US-PATENT-CLASS-149-76
US-PATENT-CLASS-149-83
US-PATENT-CLASS-149-85
US-PATENT-4,116,131

N78-32229* c 26 ..... NASA-CASE-ARC-10992-1
US-PATENT-APPL-SN-760810
US-PATENT-CLASS-204-164
US-PATENT-CLASS-204-175
US-PATENT-CLASS-423-582
US-PATENT-CLASS-423-583
US-PATENT-4,094,758

N78-32256* c 27 ..... NASA-CASE-MSC-14903-1
US-PATENT-APPL-SN-706424
US-PATENT-CLASS-260-2P
US-PATENT-CLASS-260-551P
US-PATENT-CLASS-260-606-5P
US-PATENT-CLASS-260-959
US-PATENT-CLASS-526-13
US-PATENT-CLASS-526-23
US-PATENT-CLASS-526-27
US-PATENT-CLASS-526-275
US-PATENT-CLASS-526-276
US-PATENT-CLASS-526-278
US-PATENT-CLASS-526-49
US-PATENT-CLASS-526-50
US-PATENT-CLASS-544-195
US-PATENT-4,092,466

N78-32260* c 27 ..... NASA-CASE-ARC-11051-1
US-PATENT-APPL-SN-736910
US-PATENT-CLASS-106-48
US-PATENT-CLASS-106-54
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US-PATENT-CLASS-427-376A
US-PATENT-CLASS-427-376B
US-PATENT-CLASS-427-379
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US-PATENT-CLASS-428-331
US-PATENT-CLASS-428-341
US-PATENT-CLASS-428-406
US-PATENT-CLASS-428-427
US-PATENT-CLASS-428-428
US-PATENT-CLASS-428-446
US-PATENT-CLASS-428-920
US-PATENT-CLASS-65-30R
US-PATENT-CLASS-65-60D
US-PATENT-4,093,771

N78-32261* c 27 ..... NASA-CASE-LAR-11828-1
US-PATENT-APPL-SN-448321
US-PATENT-APPL-SN-562992
US-PATENT-CLASS-260-47CP
US-PATENT-CLASS-260-49
US-PATENT-CLASS-260-63N
US-PATENT-CLASS-260-63R
US-PATENT-CLASS-260-65
US-PATENT-CLASS-260-78TF
US-PATENT-4,094,862

N78-32262* c 27 ..... NASA-CASE-MSC-14331-3
US-PATENT-APPL-SN-657998
US-PATENT-CLASS-264-130
US-PATENT-CLASS-264-184
US-PATENT-CLASS-264-211
US-PATENT-CLASS-264-236
US-PATENT-4,094,943

N78-32338* c 33 ..... NASA-CASE-GSC-12137-1
US-PATENT-APPL-SN-808510
US-PATENT-CLASS-329-124
US-PATENT-CLASS-331-12
US-PATENT-CLASS-331-4
US-PATENT-CLASS-331-64
US-PATENT-4,092,606

N78-32339* c 33 ..... NASA-CASE-GSC-12145-1
US-PATENT-APPL-SN-769149
US-PATENT-CLASS-307-229
US-PATENT-CLASS-307-230
US-PATENT-CLASS-328-145
US-PATENT-4,091,329

N78-32340* c 33 ..... NASA-CASE-GSC-12146-1
US-PATENT-APPL-SN-782480
US-PATENT-CLASS-325-159
US-PATENT-CLASS-325-187
US-PATENT-CLASS-333-17R
US-PATENT-CLASS-333-81R
US-PATENT-4,092,617

N78-32341* c 33 ..... NASA-CASE-LEW-12791-1
US-PATENT-APPL-SN-801432
US-PATENT-CLASS-363-101
US-PATENT-CLASS-363-16
US-PATENT-CLASS-363-60
US-PATENT-4,092,712

N78-32395* c 35 ..... NASA-CASE-ARC-11036-1
US-PATENT-APPL-SN-740457
US-PATENT-CLASS-33-366
US-PATENT-4,094,073

N78-32396* c 35 ..... NASA-CASE-MFS-23363-1
US-PATENT-APPL-SN-730046
US-PATENT-CLASS-324-173
US-PATENT-CLASS-324-207
US-PATENT-4,093,917

N78-32397* c 35 ..... NASA-CASE-LAR-11617-2
US-PATENT-APPL-SN-547072
US-PATENT-APPL-SN-668771
US-PATENT-CLASS-324-249
US-PATENT-4,088,954

N78-32447* c 38 ..... NASA-CASE-MFS-23114-1
US-PATENT-APPL-SN-686331
US-PATENT-CLASS-350-3.5
US-PATENT-CLASS-356-72
US-PATENT-CLASS-356-73
US-PATENT-CLASS-73-603
US-PATENT-4,093,382

N78-32539* c 44 ..... NASA-CASE-LAR-11208-1
US-PATENT-APPL-SN-710036
US-PATENT-CLASS-417-88
US-PATENT-CLASS-60-39.07
US-PATENT-CLASS-60-39.14
US-PATENT-CLASS-60-39.33
US-PATENT-CLASS-98-1.5
US-PATENT-4,091,613

N78-32542* c 44 ..... NASA-CASE-KSC-11034-1
US-PATENT-APPL-SN-782481
US-PATENT-CLASS-60-641
US-PATENT-CLASS-60-671
US-PATENT-4,087,975

N78-32720* c 54 ..... NASA-CASE-MSC-14805-1
US-PATENT-APPL-SN-688856
US-PATENT-CLASS-340-213R
US-PATENT-CLASS-340-262
US-PATENT-CLASS-340-279
US-PATENT-CLASS-340-285
US-PATENT-CLASS-340-309.1
US-PATENT-4,092,633

N78-32721* c 54 ..... NASA-CASE-ARC-11059-1
US-PATENT-APPL-SN-753978
US-PATENT-CLASS-128-142.7
US-PATENT-CLASS-62-259
US-PATENT-4,095,593

N78-32848* c 73 ..... NASA-CASE-GSC-12083-1
US-PATENT-APPL-SN-643897
US-PATENT-CLASS-350-170
US-PATENT-CLASS-350-173
US-PATENT-CLASS-350-174
US-PATENT-CLASS-350-286
US-PATENT-CLASS-350-320
US-PATENT-4,093,354

N78-32854* c 74 ..... NASA-CASE-ARC-11039-1
US-PATENT-APPL-SN-750655
US-PATENT-CLASS-351-166
US-PATENT-CLASS-427-164
US-PATENT-CLASS-427-302
US-PATENT-CLASS-427-322
US-PATENT-CLASS-427-38
US-PATENT-CLASS-427-387
US-PATENT-CLASS-427-41
US-PATENT-CLASS-427-44
US-PATENT-CLASS-428-412
US-PATENT-CLASS-428-447
US-PATENT-4,096,315

N78-33101* c 07 ..... NASA-CASE-LEW-12496-1
US-PATENT-APPL-SN-668971
US-PATENT-CLASS-29-463
US-PATENT-CLASS-416-214A
US-PATENT-CLASS-416-244A
US-PATENT-CLASS-74-572
US-PATENT-4,097,194

N78-33228* c 27 ..... NASA-CASE-NPO-08835-1
US-PATENT-APPL-SN-588721
US-PATENT-CLASS-260-28.5
US-PATENT-3,527,724

N78-33526* c 44 ..... NASA-CASE-NPO-13763-1
US-PATENT-APPL-SN-718268
US-PATENT-CLASS-123-DIG.12
US-PATENT-CLASS-123-1A
US-PATENT-CLASS-123-3
US-PATENT-4,112,875

N78-33913* c 74 ..... NASA-CASE-NPO-10233-1
US-PATENT-APPL-SN-716885
US-PATENT-CLASS-250-218
US-PATENT-CLASS-250-227
US-PATENT-CLASS-250-239
US-PATENT-CLASS-356-208
US-PATENT-3,573,470

N79-10057* c 07 ..... NASA-CASE-LEW-12232-1
US-PATENT-APPL-SN-776029
US-PATENT-CLASS-415-115
US-PATENT-CLASS-415-116
US-PATENT-CLASS-60-39.14
US-PATENT-4,117,669

N79-10162* c 25 ..... NASA-CASE-ARC-11053-1
US-PATENT-APPL-SN-814378
US-PATENT-CLASS-23-252R
US-PATENT-CLASS-423-581
US-PATENT-4,101,644

N79-10163* c 25 ..... NASA-CASE-NPO-13274-1
US-PATENT-APPL-SN-406296
US-PATENT-CLASS-204-180S
US-PATENT-CLASS-204-299
US-PATENT-3,932,262

N79-10262* c 32 ..... NASA-CASE-NPO-13941-1
US-PATENT-APPL-SN-774384
US-PATENT-CLASS-307-233R
US-PATENT-CLASS-324-77B
US-PATENT-CLASS-324-77C
US-PATENT-4,118,666

N79-10263* c 32 ..... NASA-CASE-MSC-12743-1
US-PATENT-APPL-SN-765167
US-PATENT-CLASS-325-41
US-PATENT-CLASS-340-146.1AX
US-PATENT-CLASS-340-146.1E
US-PATENT-4,100,531

N79-10264* c 32 ..... NASA-CASE-MFS-22234-1
US-PATENT-APPL-SN-730778
US-PATENT-CLASS-343-6R
US-PATENT-CLASS-343-9
US-PATENT-4,118,701

N79-10337* c 33 ..... NASA-CASE-KSC-11018-1
US-PATENT-APPL-SN-782693
US-PATENT-CLASS-324-133
US-PATENT-CLASS-324-72
US-PATENT-CLASS-324-96
US-PATENT-4,100,487

N79-10338* c 33 ..... NASA-CASE-GSC-12228-1
US-PATENT-APPL-SN-858764
US-PATENT-CLASS-324-57R
US-PATENT-CLASS-324-83D
US-PATENT-CLASS-324-85
US-PATENT-CLASS-328-163
US-PATENT-4,118,665

N79-10339* c 33 ..... NASA-CASE-LEW-12013-1
US-PATENT-APPL-SN-768795
US-PATENT-CLASS-301-82
US-PATENT-CLASS-315-3.5
US-PATENT-CLASS-315-3.6
US-PATENT-CLASS-330-43
US-PATENT-4,118,671

N79-10389* c 35 ..... NASA-CASE-MFS-23461-1
US-PATENT-APPL-SN-694406
US-PATENT-CLASS-250-475
US-PATENT-CLASS-252-301.1R
US-PATENT-CLASS-252-301.16
US-PATENT-CLASS-96-27R
US-PATENT-CLASS-96-60R
US-PATENT-4,101,780

N79-10390* c 35 ..... NASA-CASE-LAR-12260-1
US-PATENT-CLASS-73-579
US-PATENT-CLASS-73-589
US-PATENT-4,117,731

N79-10391* c 35 ..... NASA-CASE-NPO-13862-1
US-PATENT-APPL-SN-744577
US-PATENT-CLASS-324-77K
US-PATENT-CLASS-343-17.2PC
US-PATENT-CLASS-343-5CM
US-PATENT-CLASS-343-5W
US-PATENT-4,101,891

N79-10418* c 37 ..... NASA-CASE-LEW-12569-1
US-PATENT-APPL-SN-792069
US-PATENT-CLASS-308-DIG.1
US-PATENT-CLASS-308-121
US-PATENT-CLASS-308-160
US-PATENT-CLASS-308-163
US-PATENT-CLASS-308-172
US-PATENT-CLASS-308-5R
US-PATENT-CLASS-308-9
US-PATENT-4,099,799

N79-10419* c 37 ..... NASA-CASE-FRC-10111-1
US-PATENT-APPL-SN-713027
US-PATENT-CLASS-30-90.6
US-PATENT-CLASS-81-9.5R
US-PATENT-4,117,749

US-PATENT-CLASS-55-155
US-PATENT-CLASS-55-241
US-PATENT-CLASS-55-242
US-PATENT-CLASS-55-360
US-PATENT-CLASS-55-407
US-PATENT-4,134,744

N79-17288* c 43 ..... NASA-CASE-NPO-13691-1
US-PATENT-APPL-SN-664091
US-PATENT-CLASS-250-226
US-PATENT-CLASS-356-300
US-PATENT-CLASS-356-407
US-PATENT-CLASS-356-416
US-PATENT-4,134,683

N79-17313* c 44 ..... NASA-CASE-LEW-12358-1
US-PATENT-APPL-SN-776146
US-PATENT-CLASS-429-101
US-PATENT-CLASS-429-33
US-PATENT-4,133,941

N79-17314* c 44 ..... NASA-CASE-NPO-13652-1
US-PATENT-APPL-SN-809890
US-PATENT-CLASS-136-89CC
US-PATENT-CLASS-136-89P
US-PATENT-CLASS-29-572
US-PATENT-4,133,697

N79-17747* c 85 ..... NASA-CASE-NPO-13847-2
NASA-CASE-NPO-13848-2
US-PATENT-APPL-SN-750798
US-PATENT-CLASS-162-14
US-PATENT-CLASS-162-29
US-PATENT-CLASS-210-28
US-PATENT-CLASS-210-40
US-PATENT-CLASS-210-45
US-PATENT-CLASS-210-54
US-PATENT-CLASS-210-66
US-PATENT-CLASS-210-67
US-PATENT-CLASS-210-70
US-PATENT-CLASS-210-73R
US-PATENT-4,134,786

N79-17847* c 05 ..... NASA-CASE-ARC-11045-1
US-PATENT-APPL-SN-818916
US-PATENT-CLASS-416-132R
US-PATENT-CLASS-416-138
US-PATENT-CLASS-416-51
US-PATENT-CLASS-416-88
US-PATENT-CLASS-416-89
US-PATENT-4,137,010

N79-17916* c 24 ..... NASA-CASE-LEW-11930-4
US-PATENT-APPL-SN-860406
US-PATENT-CLASS-252-12.2
US-PATENT-CLASS-308-DIG.8
US-PATENT-CLASS-308-DIG.9
US-PATENT-CLASS-308-168
US-PATENT-CLASS-308-171
US-PATENT-CLASS-308-78
US-PATENT-CLASS-308-87R
US-PATENT-CLASS-427-292
US-PATENT-CLASS-427-327
US-PATENT-CLASS-427-328
US-PATENT-CLASS-427-34
US-PATENT-CLASS-427-355
US-PATENT-CLASS-427-376B
US-PATENT-CLASS-427-376C
US-PATENT-4,136,211

N79-18052* c 27 ..... NASA-CASE-ARC-10915-2
US-PATENT-APPL-SN-634304
US-PATENT-APPL-SN-779883
US-PATENT-CLASS-427-40
US-PATENT-CLASS-427-41
US-PATENT-CLASS-428-412
US-PATENT-CLASS-428-447
US-PATENT-CLASS-428-451
US-PATENT-4,137,365

N79-18193* c 33 ..... NASA-CASE-KSC-10899-1
US-PATENT-APPL-SN-814004
US-PATENT-CLASS-324-127
US-PATENT-CLASS-324-133
US-PATENT-CLASS-324-52
US-PATENT-CLASS-340-650
US-PATENT-CLASS-340-664
US-PATENT-4,110,683

N79-18296* c 35 ..... NASA-CASE-LAR-12275-1
US-PATENT-APPL-SN-885065
US-PATENT-CLASS-356-28
US-PATENT-CLASS-358-107
US-PATENT-4,135,817

N79-18307* c 36 ..... NASA-CASE-LAR-12183-1
US-PATENT-CLASS-331-94.5G
US-PATENT-CLASS-331-94.5P
US-PATENT-CLASS-788-704
US-PATENT-4,110,703

N79-18318* c 37 ..... NASA-CASE-LEW-12131-1
US-PATENT-APPL-SN-801290
US-PATENT-CLASS-415-174
US-PATENT-CLASS-415-200
US-PATENT-4,135,851

N79-18443* c 44 ..... NASA-CASE-NPO-14058-1
US-PATENT-APPL-SN-824024
US-PATENT-CLASS-126-271
US-PATENT-CLASS-165-105
US-PATENT-CLASS-60-508
US-PATENT-CLASS-60-572
US-PATENT-CLASS-60-641
US-PATENT-4,135,367

N79-18444* c 44 ..... NASA-CASE-LEW-12819-2
US-PATENT-APPL-SN-863770
US-PATENT-CLASS-148-6.3
US-PATENT-CLASS-29-572
US-PATENT-CLASS-29-578
US-PATENT-CLASS-29-591
US-PATENT-4,135,290

N79-18580* c 52 ..... NASA-CASE-ARC-11035-1
US-PATENT-APPL-SN-758721
US-PATENT-CLASS-128-2.05Z
US-PATENT-CLASS-128-2.1A
US-PATENT-CLASS-128-2V
US-PATENT-4,109,644

N79-19186* c 32 ..... NASA-CASE-WOO-00428-1
US-PATENT-APPL-SN-112999
US-PATENT-CLASS-117-35
US-PATENT-3,173,801

N79-19195*# c 32 ..... NASA-CASE-NPO-14525-1
US-PATENT-APPL-SN-017885

N79-19447* c 44 ..... NASA-CASE-XGS-00829-1
US-PATENT-APPL-SN-286824
US-PATENT-CLASS-269-153
US-PATENT-3,262,694

N79-20179* c 20 ..... NASA-CASE-LEW-12780-1
US-PATENT-APPL-SN-891370
US-PATENT-CLASS-323-15
US-PATENT-CLASS-323-20
US-PATENT-4,143,314

N79-20296* c 32 ..... NASA-CASE-GSC-12148-1
US-PATENT-APPL-SN-786322
US-PATENT-CLASS-325-58
US-PATENT-CLASS-325-63
US-PATENT-CLASS-343-179
US-PATENT-4,140,972

N79-20297* c 32 ..... NASA-CASE-MSC-16253-1
US-PATENT-APPL-SN-831631
US-PATENT-CLASS-358-109
US-PATENT-CLASS-358-81
US-PATENT-CLASS-364-713
US-PATENT-4,139,862

N79-20314* c 33 ..... NASA-CASE-GSC-12138-1
US-PATENT-APPL-SN-779871
US-PATENT-CLASS-310-231
US-PATENT-CLASS-310-46
US-PATENT-CLASS-310-82
US-PATENT-4,142,119

N79-20335* c 34 ..... NASA-CASE-NPO-14130-1
US-PATENT-APPL-SN-847278
US-PATENT-CLASS-415-1
US-PATENT-CLASS-415-143
US-PATENT-CLASS-60-645
US-PATENT-CLASS-60-649
US-PATENT-4,141,219

N79-20336* c 34 ..... NASA-CASE-LEW-11981-2
US-PATENT-APPL-SN-829315
US-PATENT-CLASS-250-352
US-PATENT-CLASS-313-22
US-PATENT-CLASS-313-35
US-PATENT-CLASS-62-268
US-PATENT-CLASS-62-376
US-PATENT-CLASS-62-514R
US-PATENT-4,141,224

N79-20377* c 37 ..... NASA-CASE-MSC-19514-1
US-PATENT-APPL-SN-772168
US-PATENT-CLASS-74-674
US-PATENT-CLASS-74-705
US-PATENT-CLASS-74-764
US-PATENT-4,141,259

N79-20751* c 60 ..... NASA-CASE-NPO-13676-1
US-PATENT-APPL-SN-779415
US-PATENT-CLASS-340-347DD
US-PATENT-CLASS-364-900
US-PATENT-4,139,839

N79-20827* c 71 ..... NASA-CASE-NPO-14005-1
US-PATENT-APPL-SN-812447
US-PATENT-CLASS-310-20
US-PATENT-CLASS-310-26
US-PATENT-CLASS-310-322
US-PATENT-CLASS-310-334
US-PATENT-CLASS-318-116
US-PATENT-CLASS-60-721
US-PATENT-CLASS-73-505
US-PATENT-4,139,806

N79-20856* c 74 ..... NASA-CASE-NPO-14174-1
US-PATENT-APPL-SN-876441
US-PATENT-CLASS-250-237G
US-PATENT-CLASS-354-77
US-PATENT-CLASS-356-129
US-PATENT-4,139,291

N79-20857* c 74 ..... NASA-CASE-GSC-12263-1
US-PATENT-APPL-SN-817415
US-PATENT-CLASS-250-363R
US-PATENT-CLASS-250-483
US-PATENT-4,142,101

N79-21083* c 09 ..... NASA-CASE-LAR-10135-1
US-PATENT-APPL-SN-648034
US-PATENT-CLASS-73-147
US-PATENT-3,453,878

N79-21084* c 09 ..... NASA-CASE-XLE-03186-1
US-PATENT-APPL-SN-200770
US-PATENT-CLASS-89-8
US-PATENT-3,224,337

N79-21123* c 20 ..... NASA-CASE-XMF-06884-1
US-PATENT-APPL-SN-579300
US-PATENT-CLASS-164-105
US-PATENT-3,485,290

N79-21124* c 20 ..... NASA-CASE-XMF-05964-1
US-PATENT-APPL-SN-578397
US-PATENT-CLASS-60-243
US-PATENT-3,390,528

N79-21125* c 20 ..... NASA-CASE-XMF-04592-1
NASA-CASE-XMF-04593-1
US-PATENT-APPL-SN-579376
US-PATENT-CLASS-60-39.74
US-PATENT-3,397,537

N79-21190* c 27 ..... NASA-CASE-XMF-02526-1
NASA-CASE-XMF-02527-1
NASA-CASE-XMF-02783-1
US-PATENT-APPL-SN-483817
US-PATENT-CLASS-260-2
US-PATENT-3,311,571

N79-21191* c 27 ..... NASA-CASE-XMF-06900-1
US-PATENT-APPL-SN-554959
US-PATENT-CLASS-260-67
US-PATENT-3,419,531

N79-21225* c 31 ..... NASA-CASE-XLE-02367-1
US-PATENT-APPL-SN-400857
US-PATENT-CLASS-222-131
US-PATENT-3,215,313

N79-21226* c 31 ..... NASA-CASE-MFS-10946-1
US-PATENT-APPL-SN-581843
US-PATENT-CLASS-156-52
US-PATENT-3,481,802

N79-21227* c 31 ..... NASA-CASE-XMF-05757-1
US-PATENT-APPL-SN-562558
US-PATENT-CLASS-117-43
US-PATENT-3,511,680

N79-21264* c 33 ..... NASA-CASE-XMF-05373-1
US-PATENT-APPL-SN-474815
US-PATENT-CLASS-335-216
US-PATENT-3,310,765

N79-21265* c 33 ..... NASA-CASE-XNP-02899-1
US-PATENT-APPL-SN-472643
US-PATENT-CLASS-317-245
US-PATENT-3,356,917

N79-21345* c 37 ..... NASA-CASE-XMS-01295-1
US-PATENT-APPL-SN-77869
US-PATENT-CLASS-55-159
US-PATENT-3,131,040

N79-21750* c 52 ..... NASA-CASE-MSC-12239-1
US-PATENT-APPL-SN-292340
US-PATENT-CLASS-128.2.07
US-PATENT-3,396,719

N79-21910* c 76 ..... NASA-CASE-XLE-02545-1
US-PATENT-APPL-SN-430748
US-PATENT-CLASS-156-17
US-PATENT-3,429,756

N79-22235* c 25 ..... NASA-CASE-LEW-12513-1
US-PATENT-APPL-SN-772167
US-PATENT-CLASS-195-103.5R
US-PATENT-CLASS-195-127
US-PATENT-CLASS-204-1T
US-PATENT-CLASS-2041-195B
US-PATENT-4,145,255

N79-22271* c 26 ..... NASA-CASE-LEW-12542-2
US-PATENT-APPL-SN-803822
US-PATENT-APPL-SN-860405
US-PATENT-CLASS-148-12.4
US-PATENT-CLASS-148-12F
US-PATENT-CLASS-148-2
US-PATENT-4,146,409

N79-22300* c 27 ..... NASA-CASE-ARC-11060-1
US-PATENT-APPL-SN-843090
US-PATENT-CLASS-260-307G
US-PATENT-CLASS-528-401
US-PATENT-CLASS-528-422
US-PATENT-4,145,524

N79-22373* c 33 ..... NASA-CASE-KSC-11008-1
US-PATENT-APPL-SN-780729
US-PATENT-CLASS-324-123C
US-PATENT-CLASS-324-99D
US-PATENT-CLASS-330-2
US-PATENT-CLASS-330-51
US-PATENT-CLASS-330-86
US-PATENT-4,109,213

US-PATENT-APPL-SN-809890
US-PATENT-APPL-SN-891358
US-PATENT-CLASS-136-89P
US-PATENT-CLASS-29-572
US-PATENT-CLASS-29-588
US-PATENT-CLASS-29-627
US-PATENT-4,133,697
US-PATENT-4,173,820

N80-14579* c 45 ..... NASA-CASE-NPO-14340-1
US-PATENT-APPL-SN-946992
US-PATENT-CLASS-210-57
US-PATENT-CLASS-210-63Z
US-PATENT-CLASS-422-9
US-PATENT-4,172,786

N80-14603* c 46 ..... NASA-CASE-NPO-14124-1
US-PATENT-APPL-SN-863024
US-PATENT-CLASS-343-100ME
US-PATENT-CLASS-343-112D
US-PATENT-4,170,776

N80-14684* c 52 ..... NASA-CASE-LEW-12955-1
US-PATENT-APPL-SN-829318
US-PATENT-CLASS-128-276
US-PATENT-4,157,718

N80-14687* c 52 ..... NASA-CASE-NPO-14101-1
US-PATENT-APPL-SN-772434
US-PATENT-CLASS-210-22
US-PATENT-CLASS-210-321B
US-PATENT-4,094,775

N80-14877* c 72 ..... NASA-CASE-NPO-14078-1
US-PATENT-APPL-SN-856466
US-PATENT-CLASS-250-281
US-PATENT-CLASS-250-282
US-PATENT-CLASS-250-423P
US-PATENT-4,158,775

N80-16116* c 25 ..... NASA-CASE-ARC-11107-1
US-PATENT-APPL-SN-883961
US-PATENT-CLASS-521-124
US-PATENT-CLASS-521-125
US-PATENT-CLASS-521-127
US-PATENT-CLASS-521-157
US-PATENT-CLASS-528-73
US-PATENT-4,177,333

N80-16158* c 27 ..... NASA-CASE-LAR-12099-1
US-PATENT-APPL-SN-906299
US-PATENT-CLASS-528-207
US-PATENT-CLASS-528-208
US-PATENT-4,180,648

N80-16163*# c 27 ..... NASA-CASE-NPO-14021-2
US-PATENT-APPL-SN-106188

N80-16261*# c 32 ..... NASA-CASE-NPO-14362-1
US-PATENT-APPL-SN-106118

N80-16321* c 36 ..... NASA-CASE-LAR-12176-1
US-PATENT-APPL-SN-929083
US-PATENT-CLASS-332-751
US-PATENT-CLASS-350-359
US-PATENT-CLASS-356-243
US-PATENT-CLASS-356-28
US-PATENT-4,176,950

N80-16452* c 44 ..... NASA-CASE-MFS-23518-3
US-PATENT-APPL-SN-829390
US-PATENT-APPL-SN-910793
US-PATENT-CLASS-126-417
US-PATENT-CLASS-126-901
US-PATENT-CLASS-428-629
US-PATENT-CLASS-428-650
US-PATENT-CLASS-428-658
US-PATENT-CLASS-428-675
US-PATENT-CLASS-428-680
US-PATENT-4,104,134
US-PATENT-4,177,325

N80-16714* c 51 ..... NASA-CASE-MSC-16260-1
US-PATENT-APPL-SN-876440
US-PATENT-CLASS-23-927
US-PATENT-CLASS-422-52
US-PATENT-CLASS-435-34
US-PATENT-4,176,007

N80-16715* c 51 ..... NASA-CASE-MFS-23883-1
US-PATENT-APPL-SN-017888
US-PATENT-CLASS-204-180R
US-PATENT-CLASS-204-299R
US-PATENT-CLASS-424-12
US-PATENT-4,181,589

N80-16725* c 52 ..... NASA-CASE-NPO-14092-1
US-PATENT-APPL-SN-807597
US-PATENT-CLASS-128-DIG.9
US-PATENT-CLASS-128-348
US-PATENT-CLASS-128-6
US-PATENT-CLASS-138-103
US-PATENT-CLASS-138-133
US-PATENT-CLASS-138-33
US-PATENT-CLASS-219-201
US-PATENT-CLASS-219-522
US-PATENT-4,176,662

N80-18036* c 06 ..... NASA-CASE-FRC-11009-1
US-PATENT-APPL-SN-910708
US-PATENT-CLASS-340-177VA
US-PATENT-CLASS-73-188
US-PATENT-CLASS-73-189
US-PATENT-CLASS-73-212
US-PATENT-4,184,149

N80-18039* c 07 ..... NASA-CASE-LEW-12971-1
US-PATENT-APPL-SN-858936
US-PATENT-CLASS-60-240
US-PATENT-CLASS-60-39.03
US-PATENT-CLASS-60-39.27
US-PATENT-4,184,327

N80-18097* c 20 ..... NASA-CASE-MSC-18179-1
US-PATENT-APPL-SN-931218
US-PATENT-CLASS-60-632
US-PATENT-4,183,217

N80-18231* c 31 ..... NASA-CASE-NPO-14382-1
US-PATENT-APPL-SN-891373
US-PATENT-CLASS-261-118
US-PATENT-CLASS-422-224
US-PATENT-CLASS-423-350
US-PATENT-4,188,368

N80-18252* c 32 ..... NASA-CASE-NPO-14152-1
US-PATENT-APPL-SN-899828
US-PATENT-CLASS-178-58R
US-PATENT-CLASS-179-15BA
US-PATENT-4,187,394

N80-18253* c 32 ..... NASA-CASE-NPO-14328-1
NASA-CASE-NPO-14579-1
NASA-CASE-NPO-14590-1
US-PATENT-APPL-SN-956160
US-PATENT-CLASS-325-305
US-PATENT-CLASS-325-307
US-PATENT-CLASS-325-419
US-PATENT-4,186,347

N80-18285* c 33 ..... NASA-CASE-NPO-14229-1
US-PATENT-APPL-SN-835419
US-PATENT-APPL-SN-949886
US-PATENT-CLASS-200-153S
US-PATENT-CLASS-200-304
US-PATENT-CLASS-333-262
US-PATENT-4,187,416

N80-18286* c 33 ..... NASA-CASE-GSC-12347-1
US-PATENT-APPL-SN-868249
US-PATENT-CLASS-174-142
US-PATENT-CLASS-174-73R
US-PATENT-4,185,164

N80-18287* c 33 ..... NASA-CASE-NPO-14224-1
US-PATENT-APPL-SN-951829
US-PATENT-CLASS-310-306
US-PATENT-CLASS-343-100R
US-PATENT-CLASS-343-100ST
US-PATENT-4,187,506

N80-18357* c 35 ..... NASA-CASE-NPO-14501-1
US-PATENT-APPL-SN-918535
US-PATENT-CLASS-264-40.4
US-PATENT-CLASS-73-343R
US-PATENT-CLASS-73-56
US-PATENT-4,185,493

N80-18358* c 35 ..... NASA-CASE-LAR-12269-1
US-PATENT-APPL-SN-934576
US-PATENT-CLASS-73-4R
US-PATENT-CLASS-73-40
US-PATENT-4,182,158

N80-18359* c 35 ..... NASA-CASE-GSC-12219-1
US-PATENT-APPL-SN-891356
US-PATENT-CLASS-325-363
US-PATENT-CLASS-343-100ME
US-PATENT-CLASS-356-216
US-PATENT-CLASS-73-355R
US-PATENT-4,178,100

N80-18364*# c 35 ..... NASA-CASE-NPO-13606-2
US-PATENT-APPL-SN-065676

N80-18372* c 36 ..... NASA-CASE-NPO-14254-1
US-PATENT-APPL-SN-876432
US-PATENT-CLASS-330-4
US-PATENT-CLASS-331-94
US-PATENT-CLASS-333-24R
US-PATENT-4,187,470

N80-18393* c 37 ..... NASA-CASE-ARC-11157-1
US-PATENT-APPL-SN-935827
US-PATENT-CLASS-220-423
US-PATENT-CLASS-220-445
US-PATENT-CLASS-220-901
US-PATENT-4,184,609

N80-18400*# c 37 ..... NASA-CASE-NPO-12131-3
US-PATENT-APPL-SN-096255

N80-18498* c 43 ..... NASA-CASE-LAR-12344-1
US-PATENT-APPL-SN-945041
US-PATENT-CLASS-343-18B
US-PATENT-CLASS-343-18D
US-PATENT-CLASS-343-5CM
US-PATENT-CLASS-343-5W
US-PATENT-4,184,155

N80-18550* c 44 ..... NASA-CASE-NPO-14303-1
NASA-CASE-NPO-14305-1
US-PATENT-APPL-SN-928133
US-PATENT-CLASS-156-104
US-PATENT-CLASS-156-278
US-PATENT-CLASS-156-285
US-PATENT-CLASS-156-303
US-PATENT-CLASS-156-312
US-PATENT-4,184,903

N80-18551* c 44 ..... NASA-CASE-NPO-14096-1
US-PATENT-APPL-SN-928128
US-PATENT-CLASS-324-158D
US-PATENT-CLASS-324-404
US-PATENT-4,184,111

N80-18552* c 44 ..... NASA-CASE-LAR-11999-1
US-PATENT-APPL-SN-876299
US-PATENT-CLASS-250-211K
US-PATENT-CLASS-250-231SE
US-PATENT-4,184,072

N80-18667* c 48 ..... NASA-CASE-MFS-23862-1
US-PATENT-APPL-SN-951423
US-PATENT-CLASS-73-170A
US-PATENT-4,184,368

N80-18690* c 52 ..... NASA-CASE-LEW-12723-1
US-PATENT-APPL-SN-829317
US-PATENT-CLASS-128-276
US-PATENT-CLASS-128-760
US-PATENT-4,184,491

N80-18691* c 52 ..... NASA-CASE-ARC-11120-1
US-PATENT-APPL-SN-796256
US-PATENT-CLASS-128-748
US-PATENT-CLASS-128-903
US-PATENT-CLASS-73-724
US-PATENT-4,186,749

N80-18951* c 76 ..... NASA-CASE-GSC-12291-1
US-PATENT-APPL-SN-906298
US-PATENT-CLASS-125-23R
US-PATENT-CLASS-269-21
US-PATENT-CLASS-51-235
US-PATENT-CLASS-83-152
US-PATENT-CLASS-83-870
US-PATENT-4,184,472

N80-20224* c 02 ..... NASA-CASE-LAR-12261-1
US-PATENT-APPL-SN-964009
US-PATENT-CLASS-73-147
US-PATENT-CLASS-73-205L
US-PATENT-4,188,823

N80-20334* c 25 ..... NASA-CASE-NPO-14079-1
US-PATENT-APPL-SN-958573
US-PATENT-CLASS-250-307
US-PATENT-CLASS-250-308
US-PATENT-4,194,115

N80-20402* c 28 ..... NASA-CASE-LEW-12081-2
US-PATENT-APPL-SN-676432
US-PATENT-APPL-SN-837794
US-PATENT-CLASS-149-1
US-PATENT-CLASS-423-648R
US-PATENT-4,193,827

N80-20448* c 32 ..... NASA-CASE-NPO-14480-1
US-PATENT-APPL-SN-910707
US-PATENT-CLASS-325-14
US-PATENT-CLASS-325-4
US-PATENT-CLASS-325-8
US-PATENT-CLASS-325-9
US-PATENT-4,189,675

N80-20487* c 33 ..... NASA-CASE-LEW-13148-1
US-PATENT-APPL-SN-964754
US-PATENT-CLASS-429-101
US-PATENT-CLASS-429-105
US-PATENT-CLASS-429-107
US-PATENT-CLASS-429-109
US-PATENT-4,192,910

N80-20559* c 35 ..... NASA-CASE-LAR-12304-1
US-PATENT-APPL-SN-928130
US-PATENT-CLASS-29-25.35
US-PATENT-CLASS-310-311
US-PATENT-CLASS-310-327
US-PATENT-CLASS-310-334
US-PATENT-CLASS-310-360
US-PATENT-4,195,244

N80-20560* c 35 ..... NASA-CASE-FRC-10093-1
US-PATENT-APPL-SN-878539
US-PATENT-CLASS-219-85CA
US-PATENT-CLASS-219-85CM
US-PATENT-CLASS-219-85R
US-PATENT-CLASS-338-2
US-PATENT-4,195,279

N80-20563* c 35 ..... NASA-CASE-NPO-14093-1
US-PATENT-APPL-SN-880729
US-PATENT-CLASS-356-346
US-PATENT-4,193,693

N80-20808* c 44 ..... NASA-CASE-NPO-14237-1
US-PATENT-APPL-SN-897831
US-PATENT-CLASS-126-263
US-PATENT-CLASS-149-15
US-PATENT-CLASS-149-37
US-PATENT-CLASS-220-429
US-PATENT-4,193,388

N80-20810* c 44 ..... NASA-CASE-LAR-12205-1
US-PATENT-APPL-SN-900843

US-PATENT-4,089,004
N80-29583* # c 33 ..... NASA-CASE-FRC-11055-1
US-PATENT-APPL-SN-172098
N80-29703* c 37 ..... NASA-CASE-NPO-14406-1
US-PATENT-APPL-SN-951828
US-PATENT-CLASS-125-21
US-PATENT-CLASS-83-820
US-PATENT-4,191,159
N80-29834* c 44 ..... NASA-CASE-LAR-11551-1
US-PATENT-APPL-SN-883090
US-PATENT-CLASS-290-53
US-PATENT-CLASS-310-30
US-PATENT-4,191,893
N80-29835* c 44 ..... NASA-CASE-NPO-13786-1
US-PATENT-APPL-SN-696374
US-PATENT-CLASS-148-1.5
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-52
US-PATENT-CLASS-357-91
US-PATENT-4,090,213
N80-31790* c 37 ..... NASA-CASE-LEW-12274-1
US-PATENT-APPL-SN-950876
US-PATENT-CLASS-417-383
US-PATENT-CLASS-60-520
US-PATENT-4,215,548
N80-32244* c 76 ..... NASA-CASE-NPO-14298-1
US-PATENT-APPL-SN-938579
US-PATENT-CLASS-156-DIG.96
US-PATENT-CLASS-422-246
US-PATENT-4,216,186
N80-32245* c 76 ..... NASA-CASE-NPO-14295-1
US-PATENT-APPL-SN-901055
US-PATENT-CLASS-156-DIG.64
US-PATENT-CLASS-156-DIG.88
US-PATENT-CLASS-156-601
US-PATENT-CLASS-156-617SP
US-PATENT-4,217,165
N80-32359* c 04 ..... NASA-CASE-NPO-14173-1
US-PATENT-APPL-SN-938581
US-PATENT-CLASS-343-112R
US-PATENT-4,215,345
N80-32392* c 07 ..... NASA-CASE-ARC-10977-1
US-PATENT-APPL-SN-023436
US-PATENT-CLASS-239-127.3
US-PATENT-CLASS-239-265.33
US-PATENT-CLASS-60-264
US-PATENT-4,214,703
N80-32484* c 26 ..... NASA-CASE-LEW-12542-3
US-PATENT-APPL-SN-007083
US-PATENT-APPL-SN-803822
US-PATENT-CLASS-75-124
US-PATENT-4,214,902
N80-32514* c 27 ..... NASA-CASE-NPO-13137-1
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US-PATENT-APPL-SN-374810
US-PATENT-CLASS-568-852
US-PATENT-CLASS-568-861
US-PATENT-4,118,427
N80-32515* c 27 ..... NASA-CASE-NPO-13899-1
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US-PATENT-APPL-SN-933186
US-PATENT-CLASS-260-346.3
US-PATENT-4,196,129
N80-32516* c 27 ..... NASA-CASE-LEW-13103-1
US-PATENT-APPL-SN-971596
US-PATENT-CLASS-156-272
US-PATENT-CLASS-156-292
US-PATENT-CLASS-204-159.11
US-PATENT-CLASS-204-159.14
US-PATENT-CLASS-264-212
US-PATENT-CLASS-264-22
US-PATENT-CLASS-427-44
US-PATENT-CLASS-428-500
US-PATENT-CLASS-429-139
US-PATENT-4,218,280
N80-32583* c 31 ..... NASA-CASE-GSC-12191-1
US-PATENT-APPL-SN-009886
US-PATENT-CLASS-165-16
US-PATENT-CLASS-236-13
US-PATENT-CLASS-236-44C
US-PATENT-CLASS-236-49
US-PATENT-4,210,278
N80-32584* c 31 ..... NASA-CASE-NPO-14191-1
US-PATENT-APPL-SN-830846
US-PATENT-CLASS-181-102
US-PATENT-CLASS-367-27
US-PATENT-CLASS-367-36
US-PATENT-CLASS-367-57
US-PATENT-4,214,226
N80-32604* c 32 ..... NASA-CASE-MSC-18334-1
US-PATENT-APPL-SN-051270
US-PATENT-CLASS-343-700MS
US-PATENT-CLASS-343-830
US-PATENT-4,218,682
N80-32605* c 32 ..... NASA-CASE-NPO-14253-1
NASA-CASE-NPO-14640-1
US-PATENT-APPL-SN-938293
US-PATENT-CLASS-333-12
US-PATENT-CLASS-333-252
US-PATENT-CLASS-333-99S
US-PATENT-4,215,327
N80-32650* c 33 ..... NASA-CASE-NPO-14424-1
NASA-CASE-NPO-14430-1
US-PATENT-APPL-SN-918534
US-PATENT-CLASS-324-62
US-PATENT-CLASS-324-64
US-PATENT-4,218,650
N80-32716* c 37 ..... NASA-CASE-MFS-23777-1
US-PATENT-APPL-SN-931217
US-PATENT-CLASS-318-15
US-PATENT-CLASS-74-425
US-PATENT-CLASS-74-661
US-PATENT-CLASS-74-665C
US-PATENT-4,215,592
N80-32717* c 37 ..... NASA-CASE-GSC-12289-1
US-PATENT-APPL-SN-943086
US-PATENT-CLASS-198-847
US-PATENT-CLASS-198-848
US-PATENT-CLASS-474-205
US-PATENT-4,215,590
N80-33081* # c 52 ..... NASA-CASE-ARC-11258-1
US-PATENT-APPL-SN-185865
N80-33186* c 72 ..... NASA-CASE-LEW-12940-1
US-PATENT-APPL-SN-953391
US-PATENT-CLASS-313-231.4
US-PATENT-CLASS-313-362
US-PATENT-4,218,633
N80-33210* c 74 ..... NASA-CASE-MSC-18255-1
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US-PATENT-CLASS-250-347
US-PATENT-CLASS-250-352
US-PATENT-CLASS-250-353
US-PATENT-CLASS-350-55
US-PATENT-CLASS-356-72
US-PATENT-4,215,273
N80-33482* c 24 ..... NASA-CASE-LEW-11930-3
US-PATENT-APPL-SN-513611
US-PATENT-APPL-SN-616528
US-PATENT-APPL-SN-764245
US-PATENT-CLASS-75-200
US-PATENT-CLASS-75-222
US-PATENT-4,214,905
N81-12330* # c 33 ..... NASA-CASE-MFS-25535-1
US-PATENT-APPL-SN-199765
N81-12542* c 44 ..... NASA-CASE-LEW-12806-2
US-PATENT-APPL-SN-065676
US-PATENT-APPL-SN-915050
US-PATENT-CLASS-136-249
US-PATENT-CLASS-136-291
US-PATENT-CLASS-363-147
US-PATENT-CLASS-363-27
US-PATENT-CLASS-363-60
US-PATENT-4,217,633
N81-13999* c 24 ..... NASA-CASE-ARC-11174-1
US-PATENT-APPL-SN-929086
US-PATENT-CLASS-260-17.2
US-PATENT-CLASS-428-114
US-PATENT-CLASS-428-528
US-PATENT-CLASS-428-541
US-PATENT-CLASS-428-921
US-PATENT-4,209,561
N81-14000* c 24 ..... NASA-CASE-LAR-12065-1
US-PATENT-APPL-SN-889671
US-PATENT-CLASS-156-330
US-PATENT-CLASS-428-113
US-PATENT-CLASS-428-114
US-PATENT-CLASS-428-140
US-PATENT-CLASS-428-413
US-PATENT-CLASS-428-480
US-PATENT-CLASS-428-902
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N81-14015* c 25 ..... NASA-CASE-NPO-14143-1
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US-PATENT-CLASS-356-437
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N81-14016* c 25 ..... NASA-CASE-ARC-11241-1
US-PATENT-APPL-SN-037066
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US-PATENT-CLASS-528-362
US-PATENT-CLASS-528-401
US-PATENT-CLASS-528-422
US-PATENT-4,234,715
N81-14076* c 27 ..... NASA-CASE-NPO-14001-1
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US-PATENT-CLASS-260-2.1E
US-PATENT-CLASS-260-858
US-PATENT-CLASS-260-886
US-PATENT-CLASS-260-8900
US-PATENT-CLASS-260-895
US-PATENT-CLASS-260-898
US-PATENT-CLASS-260-901
US-PATENT-CLASS-521-27
US-PATENT-CLASS-521-32
US-PATENT-CLASS-521-62
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N81-14077* c 27 ..... NASA-CASE-MSC-12631-3
US-PATENT-APPL-SN-006952
US-PATENT-APPL-SN-568541
US-PATENT-APPL-SN-785279
US-PATENT-CLASS-156-154
US-PATENT-CLASS-156-160
US-PATENT-CLASS-156-163
US-PATENT-CLASS-156-212
US-PATENT-CLASS-156-267
US-PATENT-CLASS-156-295
US-PATENT-CLASS-156-323
US-PATENT-CLASS-156-331
US-PATENT-4,032,089
US-PATENT-4,225,372
N81-14078* c 27 ..... NASA-CASE-LAR-12054-2
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US-PATENT-APPL-SN-839963
US-PATENT-CLASS-264-137
US-PATENT-CLASS-427-385.5
US-PATENT-CLASS-427-429
US-PATENT-CLASS-428-473.5
US-PATENT-4,166,170
US-PATENT-4,233,258
N81-14103* c 28 ..... NASA-CASE-LEW-12081-3
US-PATENT-APPL-SN-009887
US-PATENT-APPL-SN-676432
US-PATENT-APPL-SN-837794
US-PATENT-CLASS-149-1
US-PATENT-CLASS-156-344
US-PATENT-CLASS-423-648R
US-PATENT-CLASS-44-7R
US-PATENT-CLASS-55-2
US-PATENT-CLASS-62-12
US-PATENT-CLASS-62-18
US-PATENT-CLASS-62-40
US-PATENT-CLASS-62-47
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US-PATENT-4,193,827
US-PATENT-4,229,196
N81-14137* c 31 ..... NASA-CASE-KSC-11064-1
US-PATENT-APPL-SN-897840
US-PATENT-CLASS-169-62
US-PATENT-CLASS-169-70
US-PATENT-4,219,084
N81-14185* c 32 ..... NASA-CASE-NPO-14536-1
US-PATENT-APPL-SN-974471
US-PATENT-CLASS-343-100TD
US-PATENT-4,233,606
N81-14186* c 32 ..... NASA-CASE-NPO-14749-1
US-PATENT-APPL-SN-078521
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US-PATENT-CLASS-455-51
US-PATENT-CLASS-455-619
US-PATENT-CLASS-455-71
US-PATENT-4,234,971
N81-14187* c 32 ..... NASA-CASE-MSC-16800-1
US-PATENT-APPL-SN-953313
US-PATENT-CLASS-343-727
US-PATENT-CLASS-343-789
US-PATENT-CLASS-343-797
US-PATENT-4,218,685
N81-14220* c 33 ..... NASA-CASE-NPO-14163-1
US-PATENT-APPL-SN-878541
US-PATENT-CLASS-363-56
US-PATENT-CLASS-363-71
US-PATENT-CLASS-363-78
US-PATENT-4,222,098
N81-14221* c 33 ..... NASA-CASE-GSC-12411-1
US-PATENT-APPL-SN-965367
US-PATENT-CLASS-340-309.4
US-PATENT-CLASS-340-310A
US-PATENT-CLASS-340-310R
US-PATENT-CLASS-340-870.24
US-PATENT-CLASS-368-47
US-PATENT-CLASS-370-85
US-PATENT-4,228,422
N81-14287* c 35 ..... NASA-CASE-NPO-14513-1
US-PATENT-APPL-SN-025162
US-PATENT-CLASS-165-105
US-PATENT-CLASS-62-514R
US-PATENT-4,218,892
N81-14317* c 37 ..... NASA-CASE-MSC-16973-1
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US-PATENT-CLASS-150-11
US-PATENT-CLASS-156-294
US-PATENT-CLASS-52-232
US-PATENT-CLASS-52-743
US-PATENT-4,235,060
N81-14318* c 37 ..... NASA-CASE-NPO-14220-1
US-PATENT-APPL-SN-907421

US-PATENT-CLASS-260-33.4R
US-PATENT-CLASS-427-221
US-PATENT-CLASS-427-379
US-PATENT-CLASS-528-353
US-PATENT-4,244,853

N81-19343* c 31 ..... NASA-CASE-GSC-12513-1
US-PATENT-APPL-SN-053571
US-PATENT-CLASS-109-49.5
US-PATENT-CLASS-109-58.5
US-PATENT-CLASS-220-82R
US-PATENT-CLASS-220-89A
US-PATENT-CLASS-49-171
US-PATENT-4,245,566

N81-19389* c 33 ..... NASA-CASE-NPO-14297-1
US-PATENT-APPL-SN-938299
US-PATENT-CLASS-156-DIG.96
US-PATENT-CLASS-156-608
US-PATENT-CLASS-219-10.49R
US-PATENT-CLASS-219-10.67
US-PATENT-CLASS-422-246
US-PATENT-CLASS-422-249
US-PATENT-CLASS-432-264
US-PATENT-4,242,553

N81-19392* c 33 ..... NASA-CASE-GSC-12360-1
US-PATENT-APPL-SN-041164
US-PATENT-CLASS-363-101
US-PATENT-CLASS-363-21
US-PATENT-4,245,286

N81-19393* c 33 ..... NASA-CASE-NPO-14505-1
US-PATENT-APPL-SN-956166
US-PATENT-CLASS-363-21
US-PATENT-CLASS-363-36
US-PATENT-CLASS-363-40
US-PATENT-CLASS-363-47
US-PATENT-4,245,288

N81-19426* c 35 ..... NASA-CASE-MFS-23923-1
US-PATENT-APPL-SN-053569
US-PATENT-CLASS-73-190R
US-PATENT-4,248,083

N81-19427* c 35 ..... NASA-CASE-MSC-16370-1
US-PATENT-APPL-SN-061556
US-PATENT-CLASS-329-107
US-PATENT-CLASS-329-50
US-PATENT-CLASS-375-1
US-PATENT-CLASS-375-104
US-PATENT-CLASS-375-34
US-PATENT-CLASS-375-99
US-PATENT-4,241,312

N81-19455* c 37 ..... NASA-CASE-LEW-12982-1
US-PATENT-APPL-SN-929084
US-PATENT-CLASS-204-192E
US-PATENT-CLASS-228-116
US-PATENT-CLASS-228-205
US-PATENT-4,245,768

N81-19558* c 44 ..... NASA-CASE-NPO-14670-1
US-PATENT-APPL-SN-043941
US-PATENT-CLASS-136-258
US-PATENT-CLASS-252-62.3E
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-59
US-PATENT-CLASS-357-63
US-PATENT-4,249,957

N81-19896* c 74 ..... NASA-CASE-NPO-11337-1
NASA-CASE-NPO-11575-1
US-PATENT-APPL-SN-090584
US-PATENT-APPL-SN-276599
US-PATENT-CLASS-340-146.3H
US-PATENT-CLASS-340-146.3S
US-PATENT-CLASS-340-146.3Y
US-PATENT-3,845,466

N81-19898* c 74 ..... NASA-CASE-NPO-12087-1
US-PATENT-APPL-SN-095217
US-PATENT-CLASS-250-83.6R
US-PATENT-3,704,284

N81-20352*# c 33 ..... NASA-CASE-NPO-13970-1
US-PATENT-APPL-SN-023484
US-PATENT-CLASS-318-138
US-PATENT-CLASS-318-254
US-PATENT-CLASS-318-439
US-PATENT-4,249,116

N81-20703* c 52 ..... NASA-CASE-NPO-14329-1
US-PATENT-APPL-SN-044432
US-PATENT-CLASS-128-642
US-PATENT-CLASS-128-774
US-PATENT-CLASS-73-141A
US-PATENT-4,249,417

N81-21047* c 04 ..... NASA-CASE-ARC-11257-1
US-PATENT-APPL-SN-078611
US-PATENT-CLASS-73-178R
US-PATENT-CLASS-73-490
US-PATENT-CLASS-73-504
US-PATENT-4,244,215

N81-22280*# c 33 ..... NASA-CASE-MFS-24368-3
US-PATENT-APPL-SN-243683

N81-22344*# c 36 ..... NASA-CASE-GSC-12609-1
US-PATENT-APPL-SN-218586

N81-22360*# c 37 ..... NASA-CASE-LEW-12445-1
US-PATENT-APPL-SN-238887

N81-24106* c 08 ..... NASA-CASE-LAR-12268-1
US-PATENT-APPL-SN-015996
US-PATENT-CLASS-244-181
US-PATENT-CLASS-244-195
US-PATENT-CLASS-318-584
US-PATENT-CLASS-364-434
US-PATENT-4,261,537

N81-24256* c 27 ..... NASA-CASE-ARC-11253-3
US-PATENT-APPL-SN-028301
US-PATENT-APPL-SN-145283
US-PATENT-CLASS-260-465.5R
US-PATENT-CLASS-528-310
US-PATENT-CLASS-564-229
US-PATENT-4,269,787

N81-24257* c 27 ..... NASA-CASE-LEW-13135-2
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US-PATENT-APPL-SN-971475
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US-PATENT-CLASS-264-105
US-PATENT-CLASS-429-139
US-PATENT-CLASS-429-249
US-PATENT-CLASS-429-253
US-PATENT-CLASS-429-27
US-PATENT-CLASS-429-28
US-PATENT-CLASS-525-61
US-PATENT-4,262,067

N81-24258* c 27 ..... NASA-CASE-NPO-10424-1
US-PATENT-APPL-SN-692636
US-PATENT-CLASS-260-37
US-PATENT-3,651,008

N81-24280* c 28 ..... NASA-CASE-MSC-16394-1
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US-PATENT-CLASS-204-252
US-PATENT-CLASS-204-266
US-PATENT-CLASS-204-290F
US-PATENT-CLASS-204-290R
US-PATENT-CLASS-204-291
US-PATENT-4,263,112

N81-24338* c 33 ..... NASA-CASE-NPO-14617-1
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US-PATENT-4,262,259

N81-24422* c 36 ..... NASA-CASE-LAR-12177-1
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US-PATENT-CLASS-356-356
US-PATENT-CLASS-356-358
US-PATENT-4,255,048

N81-24442* c 37 ..... NASA-CASE-LEW-12991-1
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US-PATENT-APPL-SN-893865
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US-PATENT-CLASS-152-353R
US-PATENT-CLASS-152-379.4
US-PATENT-CLASS-244-103R
US-PATENT-CLASS-244-130
US-PATENT-4,267,992

N81-24519* c 44 ..... NASA-CASE-LEW-12441-3
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US-PATENT-APPL-SN-856462
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US-PATENT-CLASS-60-267
US-PATENT-4,199,937
US-PATENT-4,245,469

N81-24520* c 44 ..... NASA-CASE-MFS-23999-1
US-PATENT-APPL-SN-060435
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US-PATENT-CLASS-250-209
US-PATENT-4,262,195

N81-24521* c 44 ..... NASA-CASE-LEW-12918-1
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US-PATENT-CLASS-429-160
US-PATENT-CLASS-429-164
US-PATENT-CLASS-429-94
US-PATENT-4,262,064

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US-PATENT-CLASS-128-761
US-PATENT-CLASS-4-144.3
US-PATENT-4,246,901

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US-PATENT-CLASS-422-109
US-PATENT-CLASS-422-27
US-PATENT-CLASS-422-3
US-PATENT-CLASS-422-30
US-PATENT-CLASS-422-34
US-PATENT-4,250,143

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US-PATENT-4,262,206

N81-25159* c 25 ..... NASA-CASE-NPO-15102-1
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US-PATENT-CLASS-356-432
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N81-25188* c 26 ..... NASA-CASE-LEW-13088-1
US-PATENT-APPL-SN-089779
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US-PATENT-CLASS-428-632
US-PATENT-CLASS-428-678
US-PATENT-CLASS-428-679
US-PATENT-CLASS-428-680
US-PATENT-4,255,495

N81-25209* c 27 ..... NASA-CASE-MSC-18107-1
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US-PATENT-CLASS-430-325
US-PATENT-CLASS-430-329
US-PATENT-CLASS-430-330
US-PATENT-4,262,080

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US-PATENT-CLASS-403-171
US-PATENT-CLASS-428-902
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US-PATENT-CLASS-52-648
US-PATENT-CLASS-52-726
US-PATENT-4,259,821

N81-25259* c 31 ..... NASA-CASE-LAR-12077-1
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US-PATENT-4,259,825

N81-25278* c 32 ..... NASA-CASE-NPO-14588-1
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US-PATENT-CLASS-343-772
US-PATENT-CLASS-343-781R
US-PATENT-CLASS-343-786
US-PATENT-4,258,366

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US-PATENT-4,255,929

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US-PATENT-CLASS-264-332
US-PATENT-4,252,768

N81-25400* c 39 ..... NASA-CASE-NPO-14363-1
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US-PATENT-CLASS-356-213
US-PATENT-CLASS-356-216
US-PATENT-CLASS-356-234
US-PATENT-CLASS-356-32
US-PATENT-4,252,440

N81-25660* c 52 ..... NASA-CASE-MFS-23717-1
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US-PATENT-CLASS-128-1R
US-PATENT-CLASS-128-346
US-PATENT-CLASS-137-493
US-PATENT-4,256,093

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US-PATENT-APPL-SN-798976
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N81-25662* c 52 ..... NASA-CASE-ARC-11167-1
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US-PATENT-4,261,349

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US-PATENT-CLASS-244-117A

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US-PATENT-CLASS-361-230
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US-PATENT-CLASS-318-622
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US-PATENT-CLASS-363-132
US-PATENT-CLASS-363-17
US-PATENT-CLASS-363-61
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US-PATENT-CLASS-126-430
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US-PATENT-CLASS-455-612
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US-PATENT-APPL-SN-931090
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US-PATENT-CLASS-427-244
US-PATENT-CLASS-427-246
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US-PATENT-CLASS-105-180
US-PATENT-CLASS-105-218R
US-PATENT-CLASS-248-425
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US-PATENT-APPL-SN-796258
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US-PATENT-CLASS-33-143C
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US-PATENT-CLASS-208-241
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US-PATENT-CLASS-343-7.5
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US-PATENT-CLASS-74-480R
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US-PATENT-CLASS-434-43
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US-PATENT-CLASS-570-123
US-PATENT-CLASS-570-129
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US-PATENT-APPL-SN-145284
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US-PATENT-CLASS-528-362
US-PATENT-CLASS-528-401
US-PATENT-CLASS-528-422
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US-PATENT-CLASS-244-160
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US-PATENT-CLASS-315-5.38
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US-PATENT-CLASS-331-94.5PE
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US-PATENT-CLASS-335-229
US-PATENT-CLASS-335-266
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US-PATENT-CLASS-156-86
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US-PATENT-CLASS-118-505
US-PATENT-CLASS-427-425

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US-PATENT-CLASS-74-18.2
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US-PATENT-CLASS-285-401
US-PATENT-CLASS-285-89
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US-PATENT-CLASS-415-2R
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US-PATENT-CLASS-60-641.14
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US-PATENT-APPL-SN-679980
US-PATENT-CLASS-136-6
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US-PATENT-CLASS-136-6
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N82-24644* c 44 ..... NASA-CASE-GSC-10018-1
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US-PATENT-CLASS-219-10.41
US-PATENT-CLASS-219-10.53
US-PATENT-CLASS-219-545
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US-PATENT-CLASS-62-238.3
US-PATENT-CLASS-62-239
US-PATENT-CLASS-62-244
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US-PATENT-CLASS-136-290
US-PATENT-CLASS-148-1.5
US-PATENT-CLASS-219-121LN
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US-PATENT-CLASS-357-63
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US-PATENT-CLASS-435-39
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US-PATENT-CLASS-372-82
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US-PATENT-APPL-SN-683073
US-PATENT-APPL-SN-837513
US-PATENT-APPL-SN-93714
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US-PATENT-CLASS-357-30
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US-PATENT-4,360,701
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US-PATENT-CLASS-73-761
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US-PATENT-CLASS-428-260
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US-PATENT-CLASS-428-902
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US-PATENT-CLASS-428-920
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US-PATENT-CLASS-364-861
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US-PATENT-CLASS-356-394
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US-PATENT-CASE-292-254
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US-PATENT-CLASS-343-5CM
US-PATENT-CLASS-343-9PS
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N83-20154*# c 37 ..... NASA-CASE-MFS-25807
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N83-20280* c 39 ..... NASA-CASE-MSC-18929-1
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US-PATENT-CLASS-358-105
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US-PATENT-CLASS-364-522
US-PATENT-CLASS-364-559
US-PATENT-CLASS-73-379
US-PATENT-4,375,674
N83-20789* c 76 ..... NASA-CASE-NPO-15625-1
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US-PATENT-CLASS-156-624
US-PATENT-CLASS-156-635
US-PATENT-CLASS-156-654
US-PATENT-CLASS-156-662
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US-PATENT-CLASS-244-173
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US-PATENT-CLASS-339-5R
US-PATENT-CLASS-343-DIG2
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N83-21311* c 35 ..... NASA-CASE-LAR-12469-1
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US-PATENT-CLASS-73-818
US-PATENT-4,377,089
N83-21503* c 44 ..... NASA-CASE-LAR-12458-1
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US-PATENT-CLASS-73-147
US-PATENT-4,372,158
N83-21504* c 44 ..... NASA-CASE-LAR-12720-1
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US-PATENT-CLASS-73-147
US-PATENT-4,372,159
N83-21785* c 52 ..... NASA-CASE-LEW-13107-1
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US-PATENT-CLASS-604-8
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US-PATENT-CLASS-34-57A
US-PATENT-CLASS-432-227
US-PATENT-CLASS-432-58
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US-PATENT-CLASS-73-863.83
US-PATENT-CLASS-73-864.63
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US-PATENT-CLASS-128-782
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US-PATENT-4,380,046
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US-PATENT-CLASS-423-447.6
US-PATENT-CLASS-423-447.7
US-PATENT-4,385,043
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US-PATENT-APPL-SN-238786
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US-PATENT-CLASS-47-26
US-PATENT-4,381,174
N83-27058* c 31 ..... NASA-CASE-GSC-12636-1
US-PATENT-APPL-SN-173520
US-PATENT-CLASS-125-20
US-PATENT-CLASS-408-1R
US-PATENT-CLASS-408-61
US-PATENT-CLASS-409-131
US-PATENT-4,383,785
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US-PATENT-CLASS-333-22F
US-PATENT-CLASS-333-254
US-PATENT-4,382,239
N83-27126* c 33 ..... NASA-CASE-NPO-15358-1
US-PATENT-APPL-SN-219968
US-PATENT-CLASS-323-269
US-PATENT-CLASS-323-303
US-PATENT-CLASS-323-350
US-PATENT-4,382,224
N83-27144* c 34 ..... NASA-CASE-LEW-13174-1

US-PATENT-APPL-SN-272837
US-PATENT-CLASS-308-10
US-PATENT-CLASS-73-505
US-PATENT-4,402,221

N83-36898* c 74 ..... NASA-CASE-GSC-12683-1
US-PATENT-APPL-SN-333535
US-PATENT-CLASS-350-173
US-PATENT-CLASS-350-445
US-PATENT-4,407,563

N84-11136* c 02 ..... NASA-CASE-LAR-12843-1
US-PATENT-APPL-SN-392096
US-PATENT-CLASS-244-35A
US-PATENT-CLASS-244-35R
US-PATENT-CLASS-416-223R
US-PATENT-CLASS-416-242
US-PATENT-4,412,664

N84-11213* c 24 ..... NASA-CASE-ARC-11418-1
US-PATENT-APPL-SN-452464
US-PATENT-CLASS-523-435
US-PATENT-CLASS-523-456
US-PATENT-CLASS-528-110
US-PATENT-CLASS-528-361
US-PATENT-4,410,682

N84-11214* c 24 ..... NASA-CASE-LAR-12807-1
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US-PATENT-CLASS-228-181
US-PATENT-CLASS-228-212
US-PATENT-CLASS-244-119
US-PATENT-CLASS-244-123
US-PATENT-CLASS-428-593
US-PATENT-CLASS-52-806
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US-PATENT-4,411,380

N84-11497* c 37 ..... NASA-CASE-MFS-25678-1
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US-PATENT-CLASS-277-124
US-PATENT-CLASS-277-164
US-PATENT-CLASS-277-177
US-PATENT-CLASS-277-190
US-PATENT-4,410,189

N84-11744* c 52 ..... NASA-CASE-MFS-25740-1
US-PATENT-APPL-SN-371352
US-PATENT-CLASS-128-DIG.25
US-PATENT-CLASS-128-1R
US-PATENT-CLASS-128-346
US-PATENT-4,408,597

N84-11758* c 54 ..... NASA-CASE-MSC-18223-2
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US-PATENT-APPL-SN-368187
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US-PATENT-CLASS-604-378
US-PATENT-CLASS-604-396
US-PATENT-4,338,371
US-PATENT-4,411,660

N84-11920* c 74 ..... NASA-CASE-GSC-12640-1
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US-PATENT-CLASS-250-363R
US-PATENT-CLASS-250-363S
US-PATENT-CLASS-250-368
US-PATENT-CLASS-378-2
US-PATENT-4,404,469

N84-11921* c 74 ..... NASA-CASE-NPO-15375-1
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US-PATENT-CLASS-250-227
US-PATENT-CLASS-3-1.1
US-PATENT-CLASS-350-96.10
US-PATENT-CLASS-350-96.15
US-PATENT-CLASS-73-432T
US-PATENT-4,405,197

N84-12154* c 05 ..... NASA-CASE-LAR-12615-1
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US-PATENT-CLASS-244-45R
US-PATENT-CLASS-244-53R
US-PATENT-CLASS-244-55
US-PATENT-CLASS-244-91
US-PATENT-4,415,133

N84-12193*# c 09 ..... NASA-CASE-ARC-11426-1
US-PATENT-APPL-SN-526741

N84-12262* c 25 ..... NASA-CASE-NPO-15458-1
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US-PATENT-CLASS-204-DIG.3
US-PATENT-CLASS-204-129
US-PATENT-CLASS-204-242
US-PATENT-CLASS-204-278
US-PATENT-CLASS-204-290R
US-PATENT-CLASS-427-443.2
US-PATENT-CLASS-429-111
US-PATENT-4,414,080

N84-12406* c 34 ..... NASA-CASE-MFS-25631-1
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US-PATENT-CLASS-239-426
US-PATENT-4,413,784

N84-12443* c 35 ..... NASA-CASE-FRC-11068-1
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US-PATENT-CLASS-156-235
US-PATENT-CLASS-156-294
US-PATENT-CLASS-156-391
US-PATENT-CLASS-156-423
US-PATENT-CLASS-156-540
US-PATENT-CLASS-156-71
US-PATENT-CLASS-338-2
US-PATENT-4,407,686

N84-12444* c 35 ..... NASA-CASE-LAR-12706-1
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US-PATENT-CLASS-328-230
US-PATENT-CLASS-372-74
US-PATENT-4,414,509

N84-12445* c 35 ..... NASA-CASE-LAR-12882-1
US-PATENT-APPL-SN-267179
US-PATENT-CLASS-364-415
US-PATENT-CLASS-73-646
US-PATENT-CLASS-73-658
US-PATENT-4,413,522

N84-12491* c 37 ..... NASA-CASE-GSC-12619-1
US-PATENT-APPL-SN-225499
US-PATENT-CLASS-101-407BP
US-PATENT-CLASS-269-3
US-PATENT-4,393,777

N84-12492* c 37 ..... NASA-CASE-GSC-12622-1
US-PATENT-APPL-SN-243684
US-PATENT-CLASS-308-2A
US-PATENT-4,405,184

N84-12493* c 37 ..... NASA-CASE-LAR-12923-1
US-PATENT-APPL-SN-383063
US-PATENT-CLASS-416-117
US-PATENT-CLASS-416-132B
US-PATENT-4,415,311

N84-12654* c 45 ..... NASA-CASE-NSTL-10
US-PATENT-APPL-SN-335036
US-PATENT-CLASS-210-151
US-PATENT-CLASS-210-602
US-PATENT-CLASS-210-605
US-PATENT-CLASS-210-617
US-PATENT-CLASS-47-58
US-PATENT-4,415,450

N84-12968*# c 76 ..... NASA-CASE-NPO-15811-1
US-PATENT-APPL-SN-547175

N84-14132* c 04 ..... NASA-CASE-LAR-12638-1
US-PATENT-APPL-SN-367187
US-PATENT-CLASS-33-DIG.3
US-PATENT-CLASS-33-348
US-PATENT-CLASS-33-356
US-PATENT-CLASS-33-361
US-PATENT-4,418,480

N84-14322* c 27 ..... NASA-CASE-ARC-11400-1
US-PATENT-APPL-SN-441899
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US-PATENT-CLASS-428-260
US-PATENT-CLASS-428-367
US-PATENT-CLASS-428-408
US-PATENT-CLASS-428-473.5
US-PATENT-CLASS-428-902
US-PATENT-CLASS-428-920
US-PATENT-CLASS-524-494
US-PATENT-CLASS-524-496
US-PATENT-CLASS-524-500
US-PATENT-CLASS-524-530
US-PATENT-CLASS-525-282
US-PATENT-CLASS-525-287
US-PATENT-4,421,820

N84-14323* c 27 ..... NASA-CASE-LAR-12881-1
US-PATENT-APPL-SN-361215
US-PATENT-CLASS-206-447
US-PATENT-CLASS-206-582
US-PATENT-CLASS-428-202
US-PATENT-CLASS-428-347
US-PATENT-CLASS-428-40
US-PATENT-CLASS-428-78
US-PATENT-4,420,518

N84-14324* c 27 ..... NASA-CASE-MSC-18382-2
US-PATENT-APPL-SN-241155
US-PATENT-CLASS-524-371
US-PATENT-4,395,511

N84-14421* c 33 ..... NASA-CASE-GSC-12650-1
US-PATENT-APPL-SN-301077
US-PATENT-CLASS-330-107
US-PATENT-CLASS-330-109
US-PATENT-4,417,215

N84-14422* c 33 ..... NASA-CASE-LEW-13286-1
US-PATENT-APPL-SN-272406
US-PATENT-CLASS-252-182.1
US-PATENT-CLASS-429-206
US-PATENT-CLASS-429-229
US-PATENT-4,418,130

N84-14423* c 33 ..... NASA-CASE-MFS-25211-2
US-PATENT-APPL-SN-432057
US-PATENT-CLASS-339-258RR
US-PATENT-CLASS-339-262RR
US-PATENT-CLASS-339-64M
US-PATENT-4,421,371

N84-14424* c 33 ..... NASA-CASE-MFS-25477-1
US-PATENT-APPL-SN-243683
US-PATENT-APPL-SN-297524
US-PATENT-APPL-SN-350472
US-PATENT-CLASS-318-729
US-PATENT-CLASS-318-798
US-PATENT-CLASS-318-806
US-PATENT-4,417,190

N84-14461* c 34 ..... NASA-CASE-GSC-12771-1
US-PATENT-APPL-SN-434672
US-PATENT-CLASS-165-32
US-PATENT-CLASS-165-41
US-PATENT-CLASS-165-96
US-PATENT-4,420,035

N84-14491* c 35 ..... NASA-CASE-LAR-12686-1
US-PATENT-APPL-SN-249304
US-PATENT-CLASS-364-557
US-PATENT-CLASS-364-558
US-PATENT-CLASS-364-571
US-PATENT-CLASS-73-714
US-PATENT-4,399,515

N84-14509* c 36 ..... NASA-CASE-GSC-12565-1
US-PATENT-APPL-SN-270763
US-PATENT-CLASS-350-299
US-PATENT-CLASS-356-345
US-PATENT-CLASS-372-100
US-PATENT-CLASS-372-108
US-PATENT-CLASS-372-93
US-PATENT-CLASS-372-94
US-PATENT-CLASS-372-98
US-PATENT-4,420,836

N84-14583* c 44 ..... NASA-CASE-NPO-15100-1
US-PATENT-APPL-SN-259211
US-PATENT-CLASS-138-42
US-PATENT-CLASS-251-127
US-PATENT-4,418,722

N84-14873* c 71 ..... NASA-CASE-LAR-11903-2
US-PATENT-APPL-SN-238791
US-PATENT-APPL-SN-753971
US-PATENT-CLASS-239-265.17
US-PATENT-4,398,667

N84-16231* c 15 ..... NASA-CASE-LAR-12751-1
US-PATENT-APPL-SN-338386
US-PATENT-CLASS-73-167
US-PATENT-CLASS-73-432R
US-PATENT-CLASS-73-9
US-PATENT-4,425,785

N84-16255* c 23 ..... NASA-CASE-NPO-15767-1
US-PATENT-APPL-SN-315584
US-PATENT-CLASS-208-10
US-PATENT-CLASS-208-8LE
US-PATENT-4,388,171

N84-16262* c 24 ..... NASA-CASE-MSC-16934-3
US-PATENT-APPL-SN-185868
US-PATENT-APPL-SN-361711
US-PATENT-APPL-SN-969757
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US-PATENT-CLASS-264-118
US-PATENT-CLASS-264-59
US-PATENT-CLASS-264-60
US-PATENT-4,421,700

N84-16276* c 25 ..... NASA-CASE-LEW-13426-1
US-PATENT-APPL-SN-393588
US-PATENT-CLASS-110-186
US-PATENT-CLASS-110-262
US-PATENT-CLASS-110-263
US-PATENT-CLASS-110-265
US-PATENT-CLASS-431-1
US-PATENT-4,425,854

N84-16452* c 33 ..... NASA-CASE-LEW-13570-1
US-PATENT-APPL-SN-251009
US-PATENT-CLASS-315-3.5
US-PATENT-CLASS-315-3.6
US-PATENT-CLASS-315-39.3
US-PATENT-CLASS-333-162
US-PATENT-4,422,012

N84-16453* c 33 ..... NASA-CASE-MFS-25430-1
US-PATENT-APPL-SN-383083
US-PATENT-CLASS-363-25
US-PATENT-CLASS-363-65
US-PATENT-CLASS-363-67
US-PATENT-CLASS-363-71
US-PATENT-4,426,678

N84-16454* c 33 ..... NASA-CASE-GSC-12645-1
US-PATENT-APPL-SN-284314
US-PATENT-CLASS-324-79R
US-PATENT-CLASS-324-83A
US-PATENT-CLASS-324-83R
US-PATENT-CLASS-328-133
US-PATENT-CLASS-330-289
US-PATENT-4,425,543

N84-16455* c 33 ..... NASA-CASE-MFS-25616-1

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US-PATENT-CLASS-318-799
US-PATENT-CLASS-323-243
US-PATENT-CLASS-323-246
US-PATENT-4,426,614
N84-16456* c 33 ..... NASA-CASE-NPO-15161-1
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US-PATENT-CLASS-427-217
US-PATENT-CLASS-427-226
US-PATENT-CLASS-427-376.6
US-PATENT-CLASS-427-376.7
US-PATENT-CLASS-427-436
US-PATENT-CLASS-427-437
US-PATENT-CLASS-427-58
US-PATENT-CLASS-427-75
US-PATENT-CLASS-427-88
US-PATENT-CLASS-427-96
US-PATENT-4,388,346
N84-16523* c 35 ..... NASA-CASE-LAR-12007-3
US-PATENT-APPL-SN-352831
US-PATENT-CLASS-33-293
US-PATENT-4,428,122
N84-16542* c 36 ..... NASA-CASE-LAR-12870-1
US-PATENT-APPL-SN-317658
US-PATENT-CLASS-372-55
US-PATENT-CLASS-372-79
US-PATENT-4,424,592
N84-16560* c 37 ..... NASA-CASE-MFS-25510-1
US-PATENT-APPL-SN-293414
US-PATENT-CLASS-248-228
US-PATENT-4,422,609
N84-16561* c 37 ..... NASA-CASE-LAR-12785-1
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US-PATENT-CLASS-241-95
US-PATENT-CLASS-406-155
US-PATENT-4,428,703
N84-16803* c 54 ..... NASA-CASE-MSC-20202-1
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US-PATENT-CLASS-128-15R
US-PATENT-CLASS-128-38
US-PATENT-4,421,109
N84-16940* c 71 ..... NASA-CASE-NPO-15592-1
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US-PATENT-CLASS-118-50
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US-PATENT-CLASS-118-500
US-PATENT-CLASS-118-57
US-PATENT-CLASS-118-62
US-PATENT-CLASS-427-346
US-PATENT-CLASS-427-421
US-PATENT-CLASS-427-426
US-PATENT-CLASS-427-57
US-PATENT-CLASS-427-6
US-PATENT-CLASS-65-213
US-PATENT-4,425,376
N84-16959* # c 72 ..... NASA-CASE-NPO-15547-1
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N84-17555* c 35 ..... NASA-CASE-NPO-15426-1
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US-PATENT-CLASS-422-169
US-PATENT-CLASS-422-178
US-PATENT-CLASS-422-186
US-PATENT-CLASS-55-DIG.25
US-PATENT-CLASS-55-DIG.30
US-PATENT-CLASS-55-105
US-PATENT-CLASS-55-12
US-PATENT-CLASS-55-126
US-PATENT-CLASS-55-131
US-PATENT-CLASS-55-138
US-PATENT-CLASS-55-139
US-PATENT-CLASS-55-145
US-PATENT-CLASS-55-2
US-PATENT-CLASS-55-270
US-PATENT-CLASS-55-283
US-PATENT-CLASS-55-291
US-PATENT-CLASS-55-466
US-PATENT-CLASS-55-6
US-PATENT-CLASS-55-96
US-PATENT-CLASS-60-275
US-PATENT-CLASS-60-303
US-PATENT-CLASS-60-311
US-PATENT-4,376,637
N84-22546* c 04 ..... NASA-CASE-GSC-12508-1
US-PATENT-APPL-SN-266253
US-PATENT-CLASS-343-356
US-PATENT-CLASS-343-357
US-PATENT-4,445,118
N84-22551* c 05 ..... NASA-CASE-LAR-12541-1
US-PATENT-APPL-SN-315588
US-PATENT-CLASS-244-212
US-PATENT-CLASS-244-215
US-PATENT-CLASS-244-216
US-PATENT-CLASS-244-219
US-PATENT-4,444,368
N84-22559* c 07 ..... NASA-CASE-LEW-13622-1
US-PATENT-APPL-SN-350473
US-PATENT-CLASS-364-558
US-PATENT-CLASS-73-115
US-PATENT-4,428,226
N84-22560* c 07 ..... NASA-CASE-LEW-13654-1
US-PATENT-APPL-SN-245571
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US-PATENT-CLASS-416-233
US-PATENT-CLASS-416-92
US-PATENT-CLASS-416-97R
US-PATENT-4,411,597
N84-22601* c 16 ..... NASA-CASE-MSC-20254-1
US-PATENT-APPL-SN-418137
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US-PATENT-CLASS-52-404
US-PATENT-CLASS-52-506
US-PATENT-4,439,968
N84-22605* c 18 ..... NASA-CASE-MSC-18969-1
US-PATENT-APPL-SN-368189
US-PATENT-CLASS-244-161
US-PATENT-CLASS-403-322
US-PATENT-4,431,333
N84-22609* # c 18 ..... NASA-CASE-MFS-15429-1
US-PATENT-APPL-SN-596959
N84-22610* # c 18 ..... NASA-CASE-MSC-20543-1
US-PATENT-APPL-SN-580574
N84-22612* # c 18 ..... NASA-CASE-ARC-11505-1
US-PATENT-APPL-SN-588036
N84-22695* c 24 ..... NASA-CASE-LEW-13837-1
US-PATENT-APPL-SN-495381
US-PATENT-CLASS-204-192C
US-PATENT-CLASS-204-192R
US-PATENT-CLASS-204-192SP
US-PATENT-CLASS-423-DIG.10
US-PATENT-CLASS-423-414
US-PATENT-CLASS-423-445
US-PATENT-CLASS-423-446
US-PATENT-CLASS-423-449
US-PATENT-4,437,962
N84-22709* c 25 ..... NASA-CASE-NPO-15210-1
US-PATENT-APPL-SN-322312
US-PATENT-CLASS-208-10
US-PATENT-CLASS-208-8LE
US-PATENT-4,443,321
N84-22734* c 26 ..... NASA-CASE-LEW-13349-1
US-PATENT-APPL-SN-350476
US-PATENT-CLASS-29-623.5
US-PATENT-CLASS-427-115
US-PATENT-CLASS-427-125
US-PATENT-CLASS-427-126.6
US-PATENT-CLASS-427-296
US-PATENT-CLASS-427-306
US-PATENT-CLASS-429-223
US-PATENT-CLASS-429-234
US-PATENT-4,439,465
N84-22744* c 27 ..... NASA-CASE-ARC-11402-1
US-PATENT-APPL-SN-366025
US-PATENT-CLASS-260-465.5R
US-PATENT-CLASS-260-465.6
US-PATENT-CLASS-528-362
US-PATENT-CLASS-528-401
US-PATENT-CLASS-528-422
US-PATENT-CLASS-528-423
US-PATENT-CLASS-544-215
US-PATENT-CLASS-564-243
US-PATENT-4,434,106
N84-22745* c 27 ..... NASA-CASE-ARC-11368-3
US-PATENT-APPL-SN-288267
US-PATENT-APPL-SN-512795
US-PATENT-CLASS-428-370
US-PATENT-CLASS-428-408
US-PATENT-CLASS-428-902
US-PATENT-CLASS-428-920
US-PATENT-CLASS-525-417
US-PATENT-CLASS-526-262
US-PATENT-CLASS-528-228
US-PATENT-CLASS-528-322
US-PATENT-CLASS-548-415
US-PATENT-4,395,557
US-PATENT-4,433,115
N84-22746* c 27 ..... NASA-CASE-LAR-12723-2
US-PATENT-APPL-SN-199768
US-PATENT-APPL-SN-447371
US-PATENT-CLASS-525-426
US-PATENT-CLASS-528-183
US-PATENT-CLASS-528-220
US-PATENT-CLASS-528-345
US-PATENT-CLASS-528-348
US-PATENT-4,395,540
US-PATENT-4,431,792
N84-22747* c 27 ..... NASA-CASE-LAR-12931-1
US-PATENT-APPL-SN-433598
US-PATENT-CLASS-524-171
US-PATENT-CLASS-525-534
US-PATENT-CLASS-525-535
US-PATENT-CLASS-525-536
US-PATENT-CLASS-528-25
US-PATENT-CLASS-528-26
US-PATENT-4,431,761
N84-22748* c 27 ..... NASA-CASE-NPO-15640-1
US-PATENT-APPL-SN-465367
US-PATENT-CLASS-156-304.3
US-PATENT-CLASS-156-304.6
US-PATENT-CLASS-156-499
US-PATENT-CLASS-156-81
US-PATENT-CLASS-156-89
US-PATENT-4,420,352
N84-22749* c 27 ..... NASA-CASE-LAR-12980-1
US-PATENT-APPL-SN-469866
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-172
US-PATENT-CLASS-528-185
US-PATENT-4,444,979
N84-22750* c 27 ..... NASA-CASE-ARC-11370-1
US-PATENT-APPL-SN-491125
US-PATENT-CLASS-525-389
US-PATENT-CLASS-528-394
US-PATENT-CLASS-528-399
US-PATENT-CLASS-528-6
US-PATENT-CLASS-528-7
US-PATENT-CLASS-568-4
US-PATENT-CLASS-568-5
US-PATENT-4,444,972
N84-22820* c 32 ..... NASA-CASE-MSC-18675-1
US-PATENT-APPL-SN-266687
US-PATENT-CLASS-343-17.5
US-PATENT-CLASS-343-9R
US-PATENT-4,439,766
N84-22884* c 33 ..... NASA-CASE-MFS-256704-1
US-PATENT-APPL-SN-409679
US-PATENT-CLASS-204-192EC
US-PATENT-4,437,961
N84-22885* c 33 ..... NASA-CASE-MFS-25535-2
US-PATENT-APPL-SN-476244
US-PATENT-CLASS-318-438
US-PATENT-CLASS-318-729
US-PATENT-CLASS-318-798
US-PATENT-CLASS-318-805
US-PATENT-CLASS-318-810
US-PATENT-4,433,276
N84-22886* c 33 ..... NASA-CASE-MFS-25323-1
US-PATENT-APPL-SN-297524
US-PATENT-CLASS-318-729
US-PATENT-CLASS-318-812
US-PATENT-4,439,718
N84-22887* c 33 ..... NASA-CASE-GSC-12567-1
US-PATENT-APPL-SN-373839
US-PATENT-CLASS-330-109
US-PATENT-CLASS-330-277
US-PATENT-CLASS-330-294
US-PATENT-4,437,069
N84-22903* c 34 ..... NASA-CASE-NPO-15465-1
US-PATENT-APPL-SN-284289
US-PATENT-CLASS-126-417
US-PATENT-CLASS-165-DIG.6
US-PATENT-CLASS-165-135
US-PATENT-CLASS-62-DIG.1
US-PATENT-CLASS-62-264
US-PATENT-CLASS-62-467R
US-PATENT-4,423,605
N84-22928* c 35 ..... NASA-CASE-MFS-25687-1
US-PATENT-APPL-SN-350474
US-PATENT-CLASS-324-262
US-PATENT-CLASS-73-620
US-PATENT-CLASS-73-633
US-PATENT-CLASS-74-58
US-PATENT-4,434,659
N84-22929* c 35 ..... NASA-CASE-MFS-25405-1
US-PATENT-APPL-SN-274708
US-PATENT-CLASS-356-347
US-PATENT-4,428,675
N84-22930* c 35 ..... NASA-CASE-LEW-13598-1
US-PATENT-APPL-SN-425203
US-PATENT-CLASS-101-395
US-PATENT-CLASS-156-630
US-PATENT-CLASS-156-654
US-PATENT-CLASS-156-905
US-PATENT-CLASS-228-165
US-PATENT-4,437,923
N84-22931* c 35 ..... NASA-CASE-NPO-15398-1
US-PATENT-APPL-SN-259212
US-PATENT-CLASS-356-216
US-PATENT-CLASS-356-234
US-PATENT-4,431,306
N84-22932* c 35 ..... NASA-CASE-LAR-12967-1
US-PATENT-APPL-SN-414107

US-PATENT-CLASS-310-317
US-PATENT-CLASS-310-334
US-PATENT-CLASS-310-366
US-PATENT-4,446,396

N84-22933* c 35 ..... NASA-CASE-LAR-12995-1
US-PATENT-APPL-SN-444150
US-PATENT-CLASS-181-121
US-PATENT-CLASS-367-189
US-PATENT-CLASS-73-589
US-PATENT-CLASS-73-594
US-PATENT-4,445,378

N84-22934* c 35 ..... NASA-CASE-ARC-11361-1
US-PATENT-APPL-SN-373771
US-PATENT-CLASS-340-870.13
US-PATENT-CLASS-73-147
US-PATENT-CLASS-73-721
US-PATENT-CLASS-73-756
US-PATENT-4,442,716

N84-22943* c 36 ..... NASA-CASE-NPO-15516-1
US-PATENT-APPL-SN-364126
US-PATENT-CLASS-372-20
US-PATENT-CLASS-372-28
US-PATENT-CLASS-372-32
US-PATENT-4,434,490

N84-22944* c 36 ..... NASA-CASE-LEW-13526-1
US-PATENT-APPL-SN-358398
US-PATENT-CLASS-118-50.1
US-PATENT-CLASS-118-624
US-PATENT-CLASS-118-641
US-PATENT-CLASS-427-399
US-PATENT-CLASS-427-53.1
US-PATENT-4,434,189

N84-22957* c 37 ..... NASA-CASE-LEW-13269-2
US-PATENT-APPL-SN-242795
US-PATENT-APPL-SN-431448
US-PATENT-CLASS-415-174
US-PATENT-CLASS-427-34
US-PATENT-CLASS-427-423
US-PATENT-CLASS-427-53.1
US-PATENT-CLASS-428-155
US-PATENT-4,377,371
US-PATENT-4,430,360

N84-22958* c 37 ..... NASA-CASE-LEW-12590-1
US-PATENT-APPL-SN-229693
US-PATENT-CLASS-60-730
US-PATENT-CLASS-60-736
US-PATENT-4,429,537

N84-23012*# c 43 ..... NASA-CASE-NPO-15656-1
US-PATENT-APPL-SN-569370

N84-23018* c 44 ..... NASA-CASE-NPO-15496-1
US-PATENT-APPL-SN-379602
US-PATENT-CLASS-290-55
US-PATENT-CLASS-415-DIG.8
US-PATENT-CLASS-415-2R
US-PATENT-CLASS-60-641.12
US-PATENT-CLASS-60-698
US-PATENT-CLASS-60-716
US-PATENT-4,433,544

N84-23019* c 44 ..... NASA-CASE-LAR-12958-1
US-PATENT-APPL-SN-433196
US-PATENT-CLASS-104-DIG.4
US-PATENT-CLASS-204-DIG.3
US-PATENT-CLASS-204-129
US-PATENT-CLASS-204-278
US-PATENT-CLASS-204-280
US-PATENT-CLASS-423-303
US-PATENT-CLASS-429-111
US-PATENT-4,439,301

N84-23095* c 52 ..... NASA-CASE-LEW-13107-2
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US-PATENT-CLASS-156-644
US-PATENT-CLASS-156-668
US-PATENT-CLASS-204-192E
US-PATENT-4,432,853

N84-23113* c 54 ..... NASA-CASE-MSC-20261-2
US-PATENT-APPL-SN-393581
US-PATENT-CLASS-2-161R
US-PATENT-CLASS-2-167
US-PATENT-4,433,439

N84-23233* c 71 ..... NASA-CASE-NPO-15689-1
US-PATENT-APPL-SN-358089
US-PATENT-CLASS-310-300
US-PATENT-CLASS-318-116
US-PATENT-CLASS-60-721
US-PATENT-CLASS-73-505
US-PATENT-4,420,977

N84-23247* c 74 ..... NASA-CASE-NPO-15345-1
US-PATENT-APPL-SN-276749
US-PATENT-CLASS-358-125
US-PATENT-CLASS-358-213
US-PATENT-4,430,673

N84-23248* c 74 ..... NASA-CASE-GSC-12756-1
US-PATENT-APPL-SN-378535
US-PATENT-CLASS-350-172
US-PATENT-CLASS-350-173
US-PATENT-CLASS-350-443
US-PATENT-4,444,464

N84-24577* c 07 ..... NASA-CASE-LEW-14035-1
US-PATENT-APPL-SN-136652
US-PATENT-CLASS-60-757
US-PATENT-4,414,816

N84-25037*# c 36 ..... NASA-CASE-NPO-16030-1
US-PATENT-APPL-SN-582494

N84-27713* c 04 ..... NASA-CASE-NPO-15264-1
US-PATENT-APPL-SN-241154
US-PATENT-CLASS-343-105R
US-PATENT-CLASS-364-452
US-PATENT-4,396,918

N84-27733* c 06 ..... NASA-CASE-LAR-12630-1
US-PATENT-APPL-SN-383384
US-PATENT-CLASS-340-705
US-PATENT-CLASS-340-971
US-PATENT-CLASS-340-975
US-PATENT-CLASS-340-978
US-PATENT-CLASS-340-980
US-PATENT-CLASS-73-178R
US-PATENT-4,453,163

N84-27749* c 09 ..... NASA-CASE-MFS-25791-1
US-PATENT-APPL-SN-409678
US-PATENT-CLASS-417-159
US-PATENT-CLASS-73-117.1
US-PATENT-4,454,753

N84-27784* c 16 ..... NASA-CASE-MFS-25853-1
US-PATENT-APPL-SN-418138
US-PATENT-CLASS-244-158R
US-PATENT-CLASS-244-172
US-PATENT-CLASS-244-63
US-PATENT-4,452,412

N84-27787* c 18 ..... NASA-CASE-MFS-25878-1
US-PATENT-APPL-SN-431886
US-PATENT-CLASS-244-172
US-PATENT-CLASS-244-2
US-PATENT-CLASS-244-63
US-PATENT-4,451,017

N84-27829* c 24 ..... NASA-CASE-LEW-13758-1
US-PATENT-APPL-SN-418139
US-PATENT-CLASS-73-833
US-PATENT-CLASS-73-856
US-PATENT-4,452,088

N84-27855* c 26 ..... NASA-CASE-LEW-13639-2
US-PATENT-APPL-SN-456460
US-PATENT-CLASS-427-34
US-PATENT-CLASS-427-405
US-PATENT-CLASS-427-419.2
US-PATENT-CLASS-428-632
US-PATENT-4,451,496

N84-27884* c 27 ..... NASA-CASE-ARC-11405-1
US-PATENT-APPL-SN-415880
US-PATENT-CLASS-528-271
US-PATENT-CLASS-528-310
US-PATENT-CLASS-528-327
US-PATENT-CLASS-528-331
US-PATENT-CLASS-528-362
US-PATENT-4,450,268

N84-27885* c 27 ..... NASA-CASE-LEW-13770-1
US-PATENT-APPL-SN-404809
US-PATENT-CLASS-526-262
US-PATENT-CLASS-528-322
US-PATENT-CLASS-528-342
US-PATENT-4,455,418

N84-27886* c 27 ..... NASA-CASE-LAR-12862-1
US-PATENT-APPL-SN-435511
US-PATENT-CLASS-220-306
US-PATENT-CLASS-244-117A
US-PATENT-CLASS-244-158A
US-PATENT-4,456,208

N84-27951* c 32 ..... NASA-CASE-NPO-15024-1
US-PATENT-APPL-SN-284287
US-PATENT-CLASS-343-17.7
US-PATENT-CLASS-434-2
US-PATENT-4,450,447

N84-27952* c 32 ..... NASA-CASE-MSC-16170-2
US-PATENT-APPL-SN-147695
US-PATENT-APPL-SN-737975
US-PATENT-CLASS-329-124
US-PATENT-CLASS-375-120
US-PATENT-CLASS-375-77
US-PATENT-CLASS-375-81
US-PATENT-CLASS-455-202
US-PATENT-CLASS-455-208
US-PATENT-CLASS-455-260
US-PATENT-CLASS-455-265
US-PATENT-4,455,680

N84-27974* c 33 ..... NASA-CASE-LEW-13736-1
US-PATENT-APPL-SN-434084
US-PATENT-CLASS-315-3.6
US-PATENT-CLASS-315-39.3
US-PATENT-CLASS-331-82
US-PATENT-CLASS-333-162
US-PATENT-4,459,562

N84-27975* c 33 ..... NASA-CASE-MFS-25854-1
US-PATENT-APPL-SN-450166
US-PATENT-CLASS-318-729
US-PATENT-CLASS-318-809
US-PATENT-CLASS-323-300
US-PATENT-4,459,528

N84-28015* c 35 ..... NASA-CASE-WLP-10055-1
US-PATENT-APPL-SN-352827
US-PATENT-CLASS-73-862.65
US-PATENT-4,425,808

N84-28016* c 35 ..... NASA-CASE-NPO-15423-1
US-PATENT-APPL-SN-361216
US-PATENT-CLASS-250-296
US-PATENT-4,435,642

N84-28017* c 35 ..... NASA-CASE-NPO-15706-1
US-PATENT-APPL-SN-350475
US-PATENT-CLASS-310-154
US-PATENT-CLASS-310-171
US-PATENT-CLASS-310-68B
US-PATENT-CLASS-335-222
US-PATENT-4,443,724

N84-28018* c 35 ..... NASA-CASE-MFS-25754-1
US-PATENT-APPL-SN-359626
US-PATENT-CLASS-33-169F
US-PATENT-CLASS-62-128
US-PATENT-CLASS-73-150R
US-PATENT-CLASS-73-170R
US-PATENT-CLASS-73-32R
US-PATENT-CLASS-73-864.41
US-PATENT-4,398,412

N84-28019* c 35 ..... NASA-CASE-LAR-12743-1
US-PATENT-APPL-SN-372279
US-PATENT-CLASS-374-1
US-PATENT-CLASS-73-1B
US-PATENT-4,426,874

N84-28065* c 36 ..... NASA-CASE-GSC-12592-1
US-PATENT-APPL-SN-199766
US-PATENT-CLASS-372-103
US-PATENT-CLASS-372-4
US-PATENT-CLASS-372-71
US-PATENT-CLASS-372-93
US-PATENT-CLASS-372-95
US-PATENT-4,446,556

N84-28081* c 37 ..... NASA-CASE-NPO-14597-2
US-PATENT-APPL-SN-037194
US-PATENT-APPL-SN-401288
US-PATENT-CLASS-417-328
US-PATENT-CLASS-417-392
US-PATENT-CLASS-417-462
US-PATENT-4,449,894

N84-28082* c 37 ..... NASA-CASE-GSC-12550-1
US-PATENT-APPL-SN-238888
US-PATENT-CLASS-73-468
US-PATENT-CLASS-74-5.5
US-PATENT-CLASS-74-573R
US-PATENT-4,458,554

N84-28083* c 37 ..... NASA-CASE-GSC-12762-1
US-PATENT-APPL-SN-364094
US-PATENT-CLASS-269-224
US-PATENT-CLASS-269-242
US-PATENT-CLASS-269-244
US-PATENT-CLASS-269-252
US-PATENT-CLASS-269-285
US-PATENT-4,448,408

N84-28084* c 37 ..... NASA-CASE-LAR-12644-1
US-PATENT-APPL-SN-387728
US-PATENT-CLASS-74-753
US-PATENT-CLASS-74-758
US-PATENT-CLASS-74-812
US-PATENT-4,446,757

N84-28085* c 37 ..... NASA-CASE-LAR-12786-1
US-PATENT-APPL-SN-309292
US-PATENT-CLASS-30-180
US-PATENT-CLASS-30-188
US-PATENT-CLASS-30-228
US-PATENT-CLASS-30-249
US-PATENT-CLASS-30-272R
US-PATENT-4,458,418

N84-28203* c 44 ..... NASA-CASE-NPO-15388-1
US-PATENT-APPL-SN-284286
US-PATENT-CLASS-126-419
US-PATENT-CLASS-126-438
US-PATENT-CLASS-126-451
US-PATENT-4,433,672

N84-28204* c 44 ..... NASA-CASE-NPO-15662-1
US-PATENT-APPL-SN-392103
US-PATENT-CLASS-126-418
US-PATENT-CLASS-126-438
US-PATENT-CLASS-126-440
US-PATENT-4,449,514

N84-28205* c 44 ..... NASA-CASE-LEW-13653-1
US-PATENT-APPL-SN-352821
US-PATENT-CLASS-204-290
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US-PATENT-CLASS-29-825
US-PATENT-CLASS-427-113
US-PATENT-CLASS-427-115

US-PATENT-CLASS-427-125
US-PATENT-CLASS-427-226
US-PATENT-CLASS-427-372.2
US-PATENT-CLASS-427-379
US-PATENT-CLASS-427-380
US-PATENT-CLASS-427-443
US-PATENT-CLASS-429-44
US-PATENT-4,454,649
N84-28292* c 47 ..... NASA-CASE-LAR-12971-1
US-PATENT-APPL-SN-444149
US-PATENT-CLASS-250-356.1
US-PATENT-CLASS-73-189
US-PATENT-CLASS-73-861.71
US-PATENT-4,449,400
N84-28361* c 51 ..... NASA-CASE-ARC-11359-1
US-PATENT-APPL-SN-392092
US-PATENT-CLASS-264-41
US-PATENT-CLASS-521-141
US-PATENT-CLASS-521-142
US-PATENT-CLASS-521-149
US-PATENT-4,456,708
N84-28388* c 52 ..... NASA-CASE-LAR-12650-1
US-PATENT-APPL-SN-264381
US-PATENT-CLASS-128-325
US-PATENT-CLASS-128-346
US-PATENT-CLASS-24-560
US-PATENT-4,416,266
N84-28389* c 52 ..... NASA-CASE-LAR-12650-2
US-PATENT-APPL-SN-264381
US-PATENT-APPL-SN-465363
US-PATENT-CLASS-156-191
US-PATENT-CLASS-156-285
US-PATENT-CLASS-156-289
US-PATENT-CLASS-156-382
US-PATENT-CLASS-29-423
US-PATENT-CLASS-29-451
US-PATENT-4,447,943
N84-28484* c 54 ..... NASA-CASE-MSC-20261-1
US-PATENT-APPL-SN-393586
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US-PATENT-CLASS-2-164
US-PATENT-CLASS-2-167
US-PATENT-4,454,611
N84-28491* c 60 ..... NASA-CASE-GSC-12447-2
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US-PATENT-APPL-SN-501060
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US-PATENT-4,435,781
N84-28492* c 60 ..... NASA-CASE-MSC-20258-1
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US-PATENT-CLASS-340-825.21
US-PATENT-CLASS-340-825.5
US-PATENT-CLASS-364-900
US-PATENT-4,446,459
N84-28565* c 70 ..... NASA-CASE-LEW-12919-2
US-PATENT-APPL-SN-264378
US-PATENT-APPL-SN-364072
US-PATENT-CLASS-313-106
US-PATENT-CLASS-313-107
US-PATENT-CLASS-313-351
US-PATENT-CLASS-315-5.38
US-PATENT-4,349,424
US-PATENT-4,417,175
N84-28568* c 71 ..... NASA-CASE-MFS-25828-1
US-PATENT-APPL-SN-493866
US-PATENT-CLASS-137-838
US-PATENT-CLASS-366-106
US-PATENT-CLASS-425-6
US-PATENT-CLASS-65-142
US-PATENT-CLASS-65-160
US-PATENT-CLASS-65-21.3
US-PATENT-CLASS-65-21.4
US-PATENT-4,447,251
N84-28575* c 72 ..... NASA-CASE-MFS-25641-1
US-PATENT-APPL-SN-342857
US-PATENT-CLASS-250-305
US-PATENT-CLASS-324-457
US-PATENT-CLASS-324-71.3
US-PATENT-CLASS-324-72.5
US-PATENT-4,455,532
N84-28590* c 74 ..... NASA-CASE-NPO-15805-1
US-PATENT-APPL-SN-296137
US-PATENT-CLASS-250-332
US-PATENT-CLASS-250-338
US-PATENT-4,443,701
N84-28732* c 02 ..... NASA-CASE-LAR-12396-1
US-PATENT-APPL-SN-017889
US-PATENT-CLASS-244-35R
US-PATENT-CLASS-416-223R
US-PATENT-CLASS-416-242
US-PATENT-4,459,083
N84-32447*# c 25 ..... NAS 1.71:LAR-13257-1
NASA-CASE-LAR-13257-1
US-PATENT-APPL-SN-633178
N84-33394* c 03 ..... NAS 1.71:ARC-11423-1
NASA-CASE-ARC-11423-1
US-PATENT-APPL-SN-452466
US-PATENT-CLASS-297-DIG.5
US-PATENT-CLASS-428-246
US-PATENT-CLASS-428-280
US-PATENT-CLASS-428-287
US-PATENT-CLASS-428-304.4
US-PATENT-CLASS-428-319.1
US-PATENT-CLASS-428-423.5
US-PATENT-CLASS-428-71
US-PATENT-CLASS-428-76
US-PATENT-CLASS-428-921
US-PATENT-CLASS-5-459
US-PATENT-4,463,465
N84-33400*# c 05 ..... NAS 1.71:LAR-13233-1
NASA-CASE-LAR-13233-1
US-PATENT-APPL-SN-649329
N84-33410* c 07 ..... NAS 1.71:LEW-13524-1
NASA-CASE-LEW-13524-1
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US-PATENT-CLASS-415-115
US-PATENT-CLASS-60-39.29
US-PATENT-CLASS-60-39.83
US-PATENT-4,416,111
N84-33450* c 18 ..... NAS 1.71:LAR-12884
NASA-CASE-LAR-12884-1
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US-PATENT-CLASS-428-182
US-PATENT-CLASS-428-184
US-PATENT-CLASS-428-595
US-PATENT-CLASS-52-814
US-PATENT-4,472,473
N84-33555* c 26 ..... NAS 1.71:LEW-13639-1
NASA-CASE-LEW-13639-1
US-PATENT-APPL-SN-403378
US-PATENT-CLASS-416-241R
US-PATENT-CLASS-428-564
US-PATENT-CLASS-428-639
US-PATENT-CLASS-428-678
US-PATENT-4,446,199
N84-33589* c 27 ..... NAS 1.71:NPO-15753-1
NASA-CASE-NPO-15753-1
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US-PATENT-CLASS-219-219
US-PATENT-CLASS-219-522
US-PATENT-CLASS-219-541
US-PATENT-CLASS-219-543
US-PATENT-CLASS-338-309
US-PATENT-CLASS-428-432
US-PATENT-4,459,470
N84-33660* c 33 ..... NAS 1.71:MFS-25302-2
NASA-CASE-MFS-25302-2
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US-PATENT-APPL-SN-481086
US-PATENT-CLASS-307-87
US-PATENT-CLASS-322-25
US-PATENT-CLASS-322-29
US-PATENT-CLASS-322-47
US-PATENT-CLASS-322-95
US-PATENT-4,388,585
US-PATENT-4,473,792
N84-33661* c 33 ..... NAS 1.71:MFS-25852-1
NASA-CASE-MFS-25852-1
US-PATENT-APPL-SN-450319
US-PATENT-CLASS-318-729
US-PATENT-CLASS-318-802
US-PATENT-4,469,998
N84-33663* c 33 ..... NAS 1.71:LEW-13495-1
NASA-CASE-LEW-13495-1
US-PATENT-APPL-SN-368188
US-PATENT-CLASS-323-901
US-PATENT-CLASS-363-22
US-PATENT-CLASS-363-49
US-PATENT-4,464,710
N84-33765* c 35 ..... NAS 1.71:GSC-12682-1
NASA-CASE-GSC-12682-1
US-PATENT-APPL-SN-350477
US-PATENT-CLASS-250-367
US-PATENT-CLASS-250-385
US-PATENT-CLASS-250-483.1
US-PATENT-CLASS-357-29
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-32
US-PATENT-4,472,728
N84-33766* c 35 ..... NAS 1.71:NPO-13556-1
NASA-CASE-NPO-13556-1
US-PATENT-APPL-SN-561369
US-PATENT-CLASS-250-339
US-PATENT-CLASS-356-188
US-PATENT-CLASS-356-189
US-PATENT-CLASS-356-73
US-PATENT-CLASS-356-74
US-PATENT-4,043,668
N84-33767* c 35 ..... NAS 1.71:NPO-15644-1
NASA-CASE-NPO-15644-1
US-PATENT-APPL-SN-358088
US-PATENT-CLASS-250-251
US-PATENT-CLASS-250-252.1
US-PATENT-CLASS-250-372
US-PATENT-4,469,942
N84-33768* c 35 ..... NAS 1.71:MFS-25717-1
NASA-CASE-MFS-25717-1
US-PATENT-APPL-SN-441897
US-PATENT-CLASS-175-45
US-PATENT-CLASS-299-1
US-PATENT-4,466,667
N84-33769* c 35 ..... NAS 1.71:NPO-15341-1
NASA-CASE-NPO-15341-1
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US-PATENT-CLASS-180-168
US-PATENT-CLASS-318-587
US-PATENT-CLASS-340-905
US-PATENT-CLASS-340-988
US-PATENT-4,472,716
N84-33807* c 37 ..... NAS 1.71:MFS-25862-2
NASA-CASE-MFS-25862-2
US-PATENT-APPL-SN-460509
US-PATENT-CLASS-73-12
US-PATENT-CLASS-73-588
US-PATENT-4,470,293
N84-33808* c 37 ..... NAS 1.71:LEW-12995-1
NASA-CASE-LEW-12995-1
US-PATENT-APPL-SN-157150
US-PATENT-CLASS-60-303
US-PATENT-CLASS-60-606
US-PATENT-4,449,370
N84-34443* c 06 ..... NASA-CASE-NPO-15351-2
US-PATENT-APPL-SN-224231
US-PATENT-APPL-SN-412039
US-PATENT-CLASS-73-178-R
US-PATENT-4,346,595
US-PATENT-4,474,062
N84-34448* c 09 ..... NASA-CASE-LAR-12950-1
US-PATENT-APPL-SN-481106
US-PATENT-CLASS-73-147
US-PATENT-4,475,385
N84-34571* c 24 ..... NAS 1.71:LAR-13230-1
NASA-CASE-LAR-13230-1
US-PATENT-APPL-SN-548584
US-PATENT-CLASS-523-454
US-PATENT-CLASS-523-458
US-PATENT-CLASS-525-484
US-PATENT-CLASS-528-407
US-PATENT-CLASS-528-92
US-PATENT-4,473,674
N84-34651* c 32 ..... NAS 1.71:NPO-15519-1
NASA-CASE-NPO-15519-1
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US-PATENT-CLASS-343-5-CM
US-PATENT-CLASS-343-5-DP
US-PATENT-CLASS-343-5-FT
US-PATENT-4,471,357
N84-34705* c 35 ..... NAS 1.71:NPO-15558-1
NASA-CASE-NPO-15558-1
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US-PATENT-CLASS-250-343
US-PATENT-CLASS-250-351
US-PATENT-CLASS-356-434
US-PATENT-CLASS-356-51
US-PATENT-4,474,471
N84-34792* c 44 ..... NAS 1.71:NPO-15808-1
NASA-CASE-NPO-15808-1
US-PATENT-APPL-SN-383068
US-PATENT-CLASS-126-415
US-PATENT-CLASS-4-498
US-PATENT-4,470,403
N84-34913* c 52 ..... NASA-CASE-GSC-12652-1
US-PATENT-APPL-SN-377891
US-PATENT-CLASS-128-24-A
US-PATENT-CLASS-128-328
US-PATENT-4,474,180
N84-35112*# c 76 ..... NASA-CASE-NPO-15786-1
US-PATENT-APPL-SN-366103
US-PATENT-CLASS-204-1T
US-PATENT-CLASS-204-37.6
US-PATENT-CLASS-204-56R
US-PATENT-CLASS-324-158D
US-PATENT-CLASS-324-158T
US-PATENT-4,462,871
N84-35113* c 76 ..... NASA-CASE-NPO-15629-1
US-PATENT-APPL-SN-371351
US-PATENT-CLASS-156-DIG.64
US-PATENT-CLASS-156-DIG.88
US-PATENT-CLASS-156-DIG.98
US-PATENT-CLASS-156-608
US-PATENT-CLASS-156-617-SP
US-PATENT-CLASS-156-617-V
US-PATENT-CLASS-422-246
US-PATENT-CLASS-422-249
US-PATENT-4,469,552
N85-19985* c 08 ..... NAS 1.71:LAR-12787-2
NASA-CASE-LAR-12787-2

US-PATENT-CLASS-222-340
US-PATENT-CLASS-222-43
US-PATENT-CLASS-222-48
US-PATENT-4,488,663
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US-PATENT-CLASS-324-427
US-PATENT-CLASS-429-58
US-PATENT-4,499,424
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NASA-CASE-NPO-16027-1
US-PATENT-APPL-SN-500044
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US-PATENT-CLASS-73-753
US-PATENT-4,498,333
N85-21598* c 35 ..... NAS 1.71:WLP-10055-2
NASA-CASE-WLP-10055-2
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US-PATENT-APPL-SN-526770
US-PATENT-CLASS-29-610SG
US-PATENT-4,425,808
US-PATENT-4,498,231
N85-21631* c 36 ..... NAS 1.71:NPO-15790-1
NASA-CASE-NPO-15790-1
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US-PATENT-CLASS-250-339
US-PATENT-CLASS-250-343
US-PATENT-4,489,239
N85-21639* c 36 ..... NAS 1.71:GSC-12558-1
NASA-CASE-GSC-12558-1
US-PATENT-APPL-SN-383086
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US-PATENT-CLASS-356-45
US-PATENT-CLASS-374-137
US-PATENT-CLASS-73-705
US-PATENT-4,493,553
N85-21649* c 37 ..... NAS 1.71:MSC-20319-1
NASA-CASE-MSC-20319-1
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US-PATENT-CLASS-292-252
US-PATENT-CLASS-403-317
US-PATENT-CLASS-81-177G
US-PATENT-4,483,639
N85-21650* c 37 ..... NAS 1.71:NPO-15483-1
NASA-CASE-NPO-15483-1
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US-PATENT-CLASS-125-15
US-PATENT-CLASS-51-73R
US-PATENT-CLASS-82-90
US-PATENT-CLASS-83-664
US-PATENT-CLASS-83-676
US-PATENT-4,475,527
N85-21651* c 37 ..... NAS 1.71:LAR-12868-1
NASA-CASE-LAR-12868-1
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US-PATENT-CLASS-374-210
US-PATENT-4,491,427
N85-21652* c 37 ..... NAS 1.71:NPO-15851-1
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US-PATENT-CLASS-15-406
US-PATENT-CLASS-422-129
US-PATENT-CLASS-422-199
US-PATENT-4,500,492
N85-21723* c 43 ..... NAS 1.71:NPO-15651-1
NASA-CASE-NPO-15651-1
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US-PATENT-CLASS-374-122
US-PATENT-4,499,470
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NASA-CASE-LEW-13827-1
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US-PATENT-CLASS-136-246
US-PATENT-CLASS-357-30
US-PATENT-4,482,778
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US-PATENT-CLASS-290-4R
US-PATENT-CLASS-307-64
US-PATENT-CLASS-307-66
US-PATENT-CLASS-318-46
US-PATENT-CLASS-318-729
US-PATENT-4,489,243
N85-21846* c 46 ..... NAS 1.71:NPO-15430-1
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US-PATENT-CLASS-343-460
US-PATENT-CLASS-343-5W
US-PATENT-4,463,357
N85-21992* c 60 ..... NAS 1.71:NPO-15295-1
NASA-CASE-NPO-15295-1
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US-PATENT-CLASS-364-200
US-PATENT-4,481,570
N85-22104* c 71 ..... NAS 1.71:NPO-15466-1
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US-PATENT-CLASS-55-277
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US-PATENT-CLASS-350-619
US-PATENT-CLASS-356-323
US-PATENT-CLASS-356-330
US-PATENT-CLASS-356-331
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N85-25436*# c 24 ..... NAS 1.15:76884
NASA-TM-76884
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US-PATENT-CLASS-156-380.2
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US-PATENT-CLASS-219-10.49
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US-PATENT-CLASS-364-453
US-PATENT-CLASS-74-5.6D
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US-PATENT-CLASS-331-31
US-PATENT-CLASS-331-36C
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US-PATENT-CLASS-331-96
US-PATENT-CLASS-333-231
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US-PATENT-CLASS-429-249
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US-PATENT-CLASS-363-71
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US-PATENT-CLASS-165-32
US-PATENT-CLASS-310-306
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N85-29182*# c 34 ..... NAS 1.71:NPO-16494-1-CU
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US-PATENT-CLASS-436-2
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US-PATENT-CLASS-165-64
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US-PATENT-CLASS-73-856
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US-PATENT-CLASS-248-550
US-PATENT-CLASS-267-150
US-PATENT-CLASS-267-8R
US-PATENT-CLASS-410-156
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US-PATENT-CLASS-414-786
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US-PATENT-CLASS-244-75-R
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US-PATENT-CLASS-428-681
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US-PATENT-CLASS-427-376.2
US-PATENT-CLASS-427-380
US-PATENT-CLASS-427-397.7
US-PATENT-CLASS-428-698
US-PATENT-CLASS-428-704
US-PATENT-4,535,035
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US-PATENT-CLASS-244-158-R
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US-PATENT-CLASS-564-113
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US-PATENT-CLASS-436-155
US-PATENT-CLASS-73-7
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US-PATENT-CLASS-260-245.9
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US-PATENT-CLASS-528-322
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US-PATENT-CLASS-528-345
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US-PATENT-CLASS-204-192-D
US-PATENT-CLASS-204-192-R
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US-PATENT-CLASS-403-64
US-PATENT-CLASS-52-632
US-PATENT-CLASS-52-637
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US-PATENT-CLASS-357-58
US-PATENT-CLASS-357-59
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US-PATENT-CLASS-374-120
US-PATENT-CLASS-374-163
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N86-19581* c 35 ..... NASA-CASE-MSC-20250-1
US-PATENT-APPL-SN-491113
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US-PATENT-CLASS-73-862.54
US-PATENT-4,557,149
N86-19603* c 37 ..... NASA-CASE-MFS-25949-1
US-PATENT-APPL-SN-538063
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US-PATENT-CLASS-901-50
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N86-19604* c 37 ..... NASA-CASE-NPO-15960-1
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US-PATENT-CLASS-384-106
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N86-19711* c 43 ..... NASA-CASE-NPO-15939-1
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US-PATENT-CLASS-343-5-CM
US-PATENT-CLASS-343-5-VQ
US-PATENT-CLASS-367-88
US-PATENT-4,551,724
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US-PATENT-CLASS-429-15
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US-PATENT-CLASS-429-51
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N86-19885*# c 52 ..... NAS 1.71:GSC-12944-1
NASA-CASE-GSC-12944-1
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N86-20124* c 74 ..... NASA-CASE-MFS-25942-1
US-PATENT-APPL-SN-571613
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US-PATENT-CLASS-378-85
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US-PATENT-CLASS-350-319
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US-PATENT-CLASS-350-537
US-PATENT-CLASS-350-580
US-PATENT-4,542,963
N86-20126* c 74 ..... NASA-CASE-MSC-20418-1
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US-PATENT-CLASS-378-59
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N86-20150* c 76 ..... NASA-CASE-GSC-12816-1
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US-PATENT-CLASS-136-262
US-PATENT-CLASS-29-572
US-PATENT-CLASS-357-15
US-PATENT-CLASS-357-30
US-PATENT-4,543,442
N86-20389* c 07 ..... NASA-CASE-LEW-13142-2
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US-PATENT-CLASS-60-39.07
US-PATENT-CLASS-60-736
US-PATENT-4,550,561
N86-20469* c 18 ..... NASA-CASE-MFS-25429-1
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US-PATENT-CLASS-124-56
US-PATENT-CLASS-244-158-R
US-PATENT-CLASS-403-328
US-PATENT-4,554,905
N86-20560* c 27 ..... NASA-CASE-ARC-11429-1-CU
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US-PATENT-CLASS-525-186
US-PATENT-CLASS-526-262

N86-27450* c 27 ..... NASA-CASE-LAR-13316-1
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US-PATENT-CLASS-526-285
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US-PATENT-CLASS-528-174
US-PATENT-CLASS-528-176
US-PATENT-4,587,312

N86-27451* c 27 ..... NASA-CASE-ARC-11427-2
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US-PATENT-CLASS-523-445
US-PATENT-CLASS-523-461
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US-PATENT-CLASS-525-115
US-PATENT-CLASS-525-119
US-PATENT-CLASS-525-122
US-PATENT-4,588,778

N86-27513* c 32 ..... NASA-CASE-KSC-11285-1
US-PATENT-APPL-SN-655601
US-PATENT-CLASS-179-18BC
US-PATENT-CLASS-340-347DD
US-PATENT-CLASS-365-768
US-PATENT-4,588,986

N86-27593* c 34 ..... NASA-CASE-MSC-20812-1
US-PATENT-APPL-SN-616002
US-PATENT-CLASS-122-366
US-PATENT-CLASS-165-104.14
US-PATENT-CLASS-165-104.26
US-PATENT-CLASS-165-41
US-PATENT-4,583,587

N86-27629* c 37 ..... NASA-CASE-ARC-11525-1
US-PATENT-APPL-SN-681041
US-PATENT-CLASS-318-48
US-PATENT-CLASS-318-632
US-PATENT-CLASS-318-663
US-PATENT-CLASS-318-8
US-PATENT-4,591,772

N86-27630* c 37 ..... NASA-CASE-LAR-13250-1
US-PATENT-APPL-SN-573162
US-PATENT-CLASS-403-312
US-PATENT-CLASS-403-388
US-PATENT-CLASS-403-408.1
US-PATENT-4,579,475

N86-27706* c 44 ..... NASA-CASE-NPO-16236-1
US-PATENT-APPL-SN-582495
US-PATENT-CLASS-126-418
US-PATENT-CLASS-126-419
US-PATENT-CLASS-126-438
US-PATENT-4,586,487

N86-28131* c 24 ..... NASA-CASE-ARC-11615-1SB
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US-PATENT-CLASS-428-408
US-PATENT-CLASS-428-921
US-PATENT-CLASS-526-265
US-PATENT-4,598,007

N86-28618* c 54 ..... NASA-CASE-ARC-11616-1
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US-PATENT-CLASS-2-2.1A
US-PATENT-CLASS-2-2.1R
US-PATENT-CLASS-414-1
US-PATENT-CLASS-414-5
US-PATENT-CLASS-414-7
US-PATENT-CLASS-414-8
US-PATENT-4,593,415

N86-28619* c 54 ..... NASA-CASE-ARC-11610-1
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US-PATENT-CLASS-2-2.1A
US-PATENT-CLASS-2-2.1R
US-PATENT-CLASS-285-168
US-PATENT-4,598,427

N86-28620* c 54 ..... NASA-CASE-ARC-11543-1
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US-PATENT-CLASS-285-168
US-PATENT-CLASS-414-7
US-PATENT-4,594,734

N86-28732* c 74 ..... NASA-CASE-GSC-12825-1
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US-PATENT-CLASS-350-505
US-PATENT-CLASS-354-479
US-PATENT-CLASS-358-222
US-PATENT-4,598,981

N86-28760* c 76 ..... NASA-CASE-NPO-15904-1
US-PATENT-APPL-SN-465369
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US-PATENT-CLASS-156-610
US-PATENT-CLASS-156-624
US-PATENT-4,596,626

N86-29039* c 27 ..... NASA-CASE-LAR-13353-1
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US-PATENT-CLASS-264-216
US-PATENT-CLASS-264-236
US-PATENT-CLASS-264-347
US-PATENT-CLASS-528-183
US-PATENT-CLASS-528-222
US-PATENT-CLASS-528-341
US-PATENT-4,595,548

N86-29055* c 31 ..... NASA-CASE-MFS-25825-1
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US-PATENT-CLASS-318-661
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US-PATENT-CLASS-340-347SY
US-PATENT-4,594,540

N86-29174* c 35 ..... NASA-CASE-LAR-13254-1CU
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US-PATENT-CLASS-55-528
US-PATENT-4,595,399

N86-29204* c 36 ..... NAS 1.71:LAR-13256-1
NASA-CASE-LAR-13256-1
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US-PATENT-CLASS-403-164
US-PATENT-4,598,428

N86-29650*# c 74 ..... NASA-CASE-GSC-12911-1
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US-PATENT-CLASS-350-318
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US-PATENT-CLASS-264-236
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US-PATENT-CLASS-427-164
US-PATENT-CLASS-427-165
US-PATENT-CLASS-428-336
US-PATENT-CLASS-428-473.5
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N86-32525* c 23 ..... NASA-CASE-ARC-11506-2
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US-PATENT-CLASS-425-6
US-PATENT-CLASS-65-142
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US-PATENT-CLASS-73-505
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US-PATENT-CLASS-427-39
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US-PATENT-4,605,155

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N86-32875* c 44 ..... NASA-CASE-LEW-14177-1
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US-PATENT-CLASS-357-91

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US-PATENT-CLASS-403-146
US-PATENT-CLASS-403-163
US-PATENT-CLASS-403-85
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US-PATENT-CLASS-239-425
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US-PATENT-CLASS-60-746
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US-PATENT-CLASS-29-576-J
US-PATENT-CLASS-29-576-W
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US-PATENT-CLASS-244-204
US-PATENT-CLASS-244-35R
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US-PATENT-CLASS-340-870.18
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US-PATENT-CLASS-375-88
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US-PATENT-CLASS-356-28.5
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US-PATENT-CLASS-160-265
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US-PATENT-CLASS-244-158R
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US-PATENT-CLASS-16-326
US-PATENT-CLASS-16-332
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US-PATENT-CLASS-16-347
US-PATENT-CLASS-16-349
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US-PATENT-CLASS-414-750
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US-PATENT-CLASS-901-33
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N88-23974*# c 37 ..... NAS 1.71:MFS-28273-1
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US-PATENT-CLASS-415-170-R
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N88-23981* c 37 ..... NASA-CASE-LAR-13435-1
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US-PATENT-CLASS-92-214
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US-PATENT-CLASS-92-224
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US-PATENT-CLASS-108-7
US-PATENT-CLASS-312-196
US-PATENT-CLASS-312-208
US-PATENT-CLASS-312-300
US-PATENT-CLASS-312-7.2
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US-PATENT-CLASS-382-42
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N88-24253* c 72 ..... NASA-CASE-MFS-28122-1
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US-PATENT-CLASS-315-111.81
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US-PATENT-CLASS-204-192.24
US-PATENT-4,726,890
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US-PATENT-CLASS-156-DIG.72
US-PATENT-CLASS-156-DIG.82
US-PATENT-CLASS-156-607
US-PATENT-CLASS-156-621
US-PATENT-CLASS-156-624

N89-12667* c 23 ..... NASA-CASE-LAR-13444-2-CU
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US-PATENT-CLASS-564-323
US-PATENT-CLASS-564-330
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US-PATENT-CLASS-564-396
US-PATENT-CLASS-564-430
US-PATENT-4,774,359

N89-12741* c 27 ..... NASA-CASE-LAR-13506-1
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US-PATENT-CLASS-428-47
US-PATENT-CLASS-428-58
US-PATENT-CLASS-428-71
US-PATENT-CLASS-428-76
US-PATENT-4,774,118

N89-12785* c 31 ..... NASA-CASE-NPO-17085-1-CU
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US-PATENT-CLASS-165-96
US-PATENT-CLASS-62-467
US-PATENT-CLASS-62-514-R
US-PATENT-4,771,823

N89-12786* c 31 ..... NASA-CASE-LAR-13438-1
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US-PATENT-CLASS-428-182
US-PATENT-CLASS-52-814
US-PATENT-CLASS-52-821
US-PATENT-4,769,968

N89-12841* c 35 ..... NASA-CASE-LAR-13569-1
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US-PATENT-CLASS-73-180
US-PATENT-4,770,032

N89-12842*# c 35 ..... NAS 1.71:MSC-21372-1
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US-PATENT-APPL-SN-246595

N89-12866*# c 37 ..... NAS 1.71:MSC-21095-1
NASA-CASE-MSC-21095-1
US-PATENT-APPL-SN-248010

N89-12867*# c 37 ..... NAS 1.71:LAR-13719-1
NASA-CASE-LAR-13719-1
US-PATENT-APPL-SN-239260

N89-12868*# c 37 ..... NAS 1.71:MFS-29291-1
NASA-CASE-MFS-29291-1
US-PATENT-APPL-SN-250196

N89-13236* c 71 ..... NASA-CASE-NPO-16896-1-CU
US-PATENT-APPL-SN-087283
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US-PATENT-4,773,266

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NASA-CASE-MFS-28183-1
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N89-13785* c 37 ..... NASA-CASE-NPO-16766-1-CU
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US-PATENT-CLASS-194-902
US-PATENT-CLASS-269-267
US-PATENT-CLASS-294-88
US-PATENT-4,770,455

N89-13786* c 37 ..... NASA-CASE-KSC-11368-1
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US-PATENT-CLASS-285-107
US-PATENT-CLASS-285-108
US-PATENT-CLASS-285-109
US-PATENT-CLASS-285-133.1
US-PATENT-CLASS-285-351
US-PATENT-CLASS-285-39
US-PATENT-CLASS-285-97
US-PATENT-4,772,050

N89-13889*# c 54 ..... NAS 1.71:MSC-21364-1
NASA-CASE-MSC-21364-1
US-PATENT-APPL-SN-221472

N89-14077* c 74 ..... NASA-CASE-NPO-17140-1-CU
US-PATENT-APPL-SN-125021
US-PATENT-CLASS-250-216
US-PATENT-CLASS-350-354
US-PATENT-4,772,785

N89-14078* c 74 ..... NASA-CASE-NPO-16750-1-CU
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US-PATENT-CLASS-350-331-R
US-PATENT-CLASS-350-337
US-PATENT-CLASS-350-342
US-PATENT-CLASS-382-31
US-PATENT-4,772,101

N89-14120*# c 76 ..... NAS 1.71:NPO-17399-1-CU
NASA-CASE-NPO-17399-1-CU
US-PATENT-APPL-SN-248019

N89-14224* c 02 ..... NASA-CASE-LAR-13215-1
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US-PATENT-CLASS-244-35-R
US-PATENT-CLASS-416-223-R
US-PATENT-4,776,531

N89-14303* c 26 ..... NASA-CASE-LEW-14134-2
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US-PATENT-CLASS-420-54
US-PATENT-CLASS-420-62
US-PATENT-CLASS-420-79
US-PATENT-CLASS-420-80
US-PATENT-CLASS-420-81
US-PATENT-4,780,276

N89-14337* c 27 ..... NASA-CASE-LAR-13601-1-CU
US-PATENT-APPL-SN-028831
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-128
US-PATENT-4,788,271

N89-14351* c 31 ..... NASA-CASE-NPO-17143-1-CU
US-PATENT-APPL-SN-105847
US-PATENT-CLASS-62-467
US-PATENT-CLASS-62-514-JT
US-PATENT-4,779,428

N89-14374* c 32 ..... NASA-CASE-GSC-12892-1
US-PATENT-APPL-SN-655606
US-PATENT-CLASS-455-115
US-PATENT-CLASS-455-117
US-PATENT-CLASS-455-67
US-PATENT-CLASS-455-98
US-PATENT-4,777,656

N89-14384* c 33 ..... NASA-CASE-ARC-11536-1
US-PATENT-APPL-SN-725714
US-PATENT-CLASS-342-195
US-PATENT-CLASS-356-28.5
US-PATENT-CLASS-364-900
US-PATENT-4,779,222

N89-14385* c 33 ..... NASA-CASE-LAR-13552-1-CU
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US-PATENT-CLASS-324-77-R
US-PATENT-CLASS-324-78-D
US-PATENT-CLASS-324-78-F
US-PATENT-CLASS-356-28.5
US-PATENT-CLASS-364-484
US-PATENT-CLASS-377-39
US-PATENT-4,786,168

N89-14392* c 34 ..... NASA-CASE-MFS-28217-1
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US-PATENT-CLASS-122-366
US-PATENT-CLASS-165-104.14
US-PATENT-CLASS-165-104.26
US-PATENT-4,770,238

N89-14407* c 35 ..... NASA-CASE-LAR-13300-1-CU
US-PATENT-APPL-SN-829042
US-PATENT-CLASS-310-338
US-PATENT-CLASS-367-908
US-PATENT-CLASS-73-290-V
US-PATENT-4,770,038

N89-14422* c 35 ..... NASA-CASE-NPO-17086-1-CU
US-PATENT-APPL-SN-087359
US-PATENT-CLASS-73-505
US-PATENT-4,777,823

N89-14423* c 35 ..... NASA-CASE-LAR-13853-1
US-PATENT-APPL-SN-143436
US-PATENT-CLASS-73-147
US-PATENT-CLASS-73-861.65
US-PATENT-4,783,994

N89-15379* c 35 ..... NASA-CASE-MSC-20906-2
US-PATENT-APPL-SN-021569
US-PATENT-CLASS-244-164
US-PATENT-CLASS-244-165
US-PATENT-CLASS-74-572
US-PATENT-4,776,541

N89-16042* c 27 ..... NASA-CASE-ARC-11533-2
US-PATENT-APPL-SN-852461
US-PATENT-CLASS-528-220
US-PATENT-CLASS-528-228
US-PATENT-CLASS-528-321
US-PATENT-CLASS-528-322
US-PATENT-CLASS-528-353
US-PATENT-CLASS-528-72
US-PATENT-CLASS-528-73
US-PATENT-4,775,740

N89-16256* c 52 ..... NASA-CASE-ARC-11426-2
US-PATENT-APPL-SN-827185
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US-PATENT-CLASS-351-237
US-PATENT-4,778,268

N89-23466*# c 07 ..... NAS 1.71:LAR-14049-1
NASA-CASE-LAR-14049-1
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N89-23623*# c 24 ..... NAS 1.71:LEW-14734-1
NASA-CASE-LEW-14734-1
US-PATENT-APPL-SN-279624

N89-25242* c 09 ..... NASA-CASE-MFS-25962-1
US-PATENT-APPL-SN-633180
US-PATENT-CLASS-239-14.1
US-PATENT-CLASS-239-2.1
US-PATENT-4,781,326

N89-25266* c 18 ..... NASA-CASE-ARC-11505-2
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US-PATENT-CLASS-244-161
US-PATENT-CLASS-285-302
US-PATENT-4,807,834

N89-25279* c 20 ..... NASA-CASE-MSC-20476-2
US-PATENT-APPL-SN-046341
US-PATENT-CLASS-239-265.17
US-PATENT-CLASS-60-202
US-PATENT-CLASS-60-264
US-PATENT-4,815,279

N89-25363* c 32 ..... NASA-CASE-LAR-13798-1
US-PATENT-APPL-SN-118995
US-PATENT-CLASS-343-DIG.2
US-PATENT-CLASS-343-880
US-PATENT-CLASS-343-915
US-PATENT-4,811,033

N89-25689* c 74 ..... NASA-CASE-MFS-29348-1
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US-PATENT-CLASS-350-96.25
US-PATENT-4,798,433

N89-26202* c 35 ..... NASA-CASE-MFS-28242-1
US-PATENT-APPL-SN-149822
US-PATENT-CLASS-356-347
US-PATENT-CLASS-356-361
US-PATENT-4,810,094

N89-26400* c 60 ..... NASA-CASE-NPO-16461-1CU
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US-PATENT-CLASS-382-41
US-PATENT-CLASS-382-42
US-PATENT-CLASS-382-49
US-PATENT-4,790,026

N89-28553* c 18 ..... NASA-CASE-MSC-21211-1
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US-PATENT-CLASS-244-161
US-PATENT-CLASS-285-226
US-PATENT-CLASS-403-51
US-PATENT-4,809,936

N89-28554* c 18 ..... NASA-CASE-MSC-21117-2
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US-PATENT-APPL-SN-929875
US-PATENT-CLASS-248-DIG-1
US-PATENT-CLASS-403-30
US-PATENT-CLASS-403-4
US-PATENT-CLASS-52-573
US-PATENT-CLASS-52-648
US-PATENT-4,805,368

N89-28556*# c 18 ..... NAS 1.71:MFS-28327-1
NASA-CASE-MFS-28327-1
US-PATENT-APPL-SN-361200

N89-28603*# c 25 ..... NAS 1.71:MFS-26049-1-NP
NASA-CASE-MFS-26049-1-NP
US-PATENT-APPL-SN-376487

N89-28621* c 26 ..... NASA-CASE-LAR-13924-1-CU
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US-PATENT-CLASS-148-416
US-PATENT-CLASS-148-417
US-PATENT-CLASS-420-529
US-PATENT-CLASS-420-533
US-PATENT-4,820,488

N89-28672* c 32 ..... NASA-CASE-LAR-13747-1-CU
US-PATENT-APPL-SN-197191
US-PATENT-CLASS-342-1
US-PATENT-CLASS-342-165
US-PATENT-CLASS-342-5
US-PATENT-4,809,003

N89-28676* c 32 ..... NASA-CASE-NPO-17249-1-CU
US-PATENT-APPL-SN-125666
US-PATENT-CLASS-358-88
US-PATENT-CLASS-358-91
US-PATENT-CLASS-358-92
US-PATENT-4,819,064

N89-28713* c 33 ..... NASA-CASE-NPO-17108-1-CU
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US-PATENT-CLASS-364-724.01
US-PATENT-CLASS-364-724.05
US-PATENT-CLASS-364-735
US-PATENT-CLASS-364-754
US-PATENT-4,823,299

N89-28795*# c 35 ..... NAS 1.71:NPO-17596-1-CU
NASA-CASE-NPO-17596-1-CU
US-PATENT-APPL-SN-361531

N89-28817*# c 36 ..... NAS 1.71:LAR-14203-1
NASA-CASE-LAR-14203-1
US-PATENT-APPL-SN-359459

N89-28831* c 37 ..... NASA-CASE-MFS-28253-1
US-PATENT-APPL-SN-165943
US-PATENT-CLASS-33-536
US-PATENT-4,809,441

N89-28842*# c 37 ..... NAS 1.71:MFS-28345-2
NASA-CASE-MFS-28345-2
US-PATENT-APPL-SN-358028

N89-28846* # c 37 ..... NAS 1.71:NPO-17785-1-CU
NASA-CASE-NPO-17785-1-CU
US-PATENT-APPL-SN-353411
N89-29169* c 72 ..... NASA-CASE-NPO-16789-1-CU
US-PATENT-APPL-SN-154713
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US-PATENT-CLASS-250-397
US-PATENT-4,818,868
N89-29538* c 27 ..... NASA-CASE-LEW-14392-2
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US-PATENT-APPL-SN-886149
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US-PATENT-CLASS-428-367
US-PATENT-CLASS-428-375
US-PATENT-CLASS-428-390
US-PATENT-CLASS-428-408
US-PATENT-CLASS-428-698
US-PATENT-4,781,993
N89-29539* c 27 ..... NASA-CASE-MSC-21169-1
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US-PATENT-CLASS-264-236
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US-PATENT-CLASS-264-347
US-PATENT-CLASS-264-40.1
US-PATENT-CLASS-264-40.5
US-PATENT-CLASS-264-40.6
US-PATENT-4,810,438
N89-29577* # c 31 ..... NAS 1.71:NPO-17630-1-CU
NASA-CASE-NPO-17630-1-CU
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N89-29578* c 31 ..... NASA-CASE-GSC-13112-1
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US-PATENT-CLASS-220-5A
US-PATENT-CLASS-220-901
US-PATENT-CLASS-62-45
US-PATENT-CLASS-62-48
US-PATENT-4,821,907
N89-29679* # c 33 ..... NAS 1.71:NPO-17393-1-CU
NASA-CASE-NPO-17393-1-CU
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N89-29681* c 33 ..... NASA-CASE-NPO-16888-1-CU
US-PATENT-APPL-SN-133412
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US-PATENT-CLASS-324-127
US-PATENT-CLASS-330-8
US-PATENT-4,823,074
N89-29750* # c 37 ..... NAS 1.71:NPO-17275-1-CU
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N89-29953* c 54 ..... NASA-CASE-KSC-11322-1
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US-PATENT-CLASS-2-201
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US-PATENT-CLASS-55-205

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US-PATENT-CLASS-156-600
US-PATENT-CLASS-156-608
US-PATENT-CLASS-422-245
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INT-PATENT-CLASS-F16K-31/06
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US-PATENT-CLASS-251-148
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US-PATENT-5,029,216

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US-PATENT-APPL-SN-441672
US-PATENT-CLASS-239-265.11
US-PATENT-CLASS-277-157
US-PATENT-CLASS-277-226
US-PATENT-CLASS-277-229
US-PATENT-CLASS-277-34
US-PATENT-5,014,917

N91-27561* c 37 .... INT-PATENT-CLASS-B60P-7/15
INT-PATENT-CLASS-E05C-5/04
NASA-CASE-LEW-14887-1
US-PATENT-APPL-SN-503418
US-PATENT-CLASS-292-60
US-PATENT-CLASS-292-61
US-PATENT-CLASS-410-80
US-PATENT-CLASS-410-84
US-PATENT-5,032,045

N91-27562* c 37 ..... NASA-CASE-LAR-14489-1
US-PATENT-APPL-SN-543926
US-PATENT-CLASS-264-184
US-PATENT-CLASS-264-211.15
US-PATENT-CLASS-264-211.16
US-PATENT-CLASS-264-211.17
US-PATENT-CLASS-264-234
US-PATENT-CLASS-264-236
US-PATENT-CLASS-264-345
US-PATENT-5,023,034

N91-27614* c 44 .. INT-PATENT-CLASS-H01L-31/18
INT-PATENT-CLASS-H01L-31/42
NASA-CASE-LEW-14959-1
US-PATENT-APPL-SN-495969
US-PATENT-CLASS-136-244
US-PATENT-CLASS-136-249
US-PATENT-CLASS-136-256
US-PATENT-CLASS-357-30
US-PATENT-CLASS-437-2
US-PATENT-5,019,176

N91-27913* c 71 ..... NASA-CASE-LAR-13968-1
US-PATENT-APPL-SN-392165
US-PATENT-CLASS-181-206
US-PATENT-CLASS-181-286
US-PATENT-CLASS-181-290
US-PATENT-CLASS-181-295
US-PATENT-CLASS-381-71
US-PATENT-CLASS-381-94
US-PATENT-CLASS-52-144
US-PATENT-5,024,288

N91-27914* c 71 .... INT-PATENT-CLASS-A61B-8/00
NASA-CASE-LAR-13966-1
US-PATENT-APPL-SN-422726
US-PATENT-CLASS-128-660.06
US-PATENT-CLASS-73-631
US-PATENT-5,031,627

N91-27936* c 72 .. INT-PATENT-CLASS-H01J-37/00
NASA-CASE-LAR-14250-1-SB
US-PATENT-APPL-SN-531372
US-PATENT-CLASS-250-306
US-PATENT-CLASS-250-307
US-PATENT-CLASS-250-358.1
US-PATENT-5,015,851

N91-27957* c 74 . INT-PATENT-CLASS-H04B-10/00
NASA-CASE-NPO-17703-1-CU
US-PATENT-APPL-SN-359801
US-PATENT-CLASS-356-5
US-PATENT-CLASS-455-605
US-PATENT-5,031,234

N91-28014* c 76 INT-PATENT-CLASS-H01L-21/324
NASA-CASE-NPO-17678-1-CU
US-PATENT-APPL-SN-357758
US-PATENT-CLASS-357-82
US-PATENT-CLASS-437-187
US-PATENT-CLASS-437-197
US-PATENT-CLASS-437-199
US-PATENT-CLASS-437-247
US-PATENT-CLASS-437-248
US-PATENT-5,019,533

N91-28175*# c 09 ..... NAS 1.71:LAR-13548-1
NASA-CASE-LAR-13548-1
US-PATENT-APPL-SN-721039

N91-28184*# c 14 ..... NAS 1.71:LAR-14272-1-CU
NASA-CASE-LAR-14272-1-CU
US-PATENT-APPL-SN-678553

N91-28186*# c 16 ..... NAS 1.71:MSC-21793-1
NASA-CASE-MSC-21793-1
US-PATENT-APPL-SN-731829

N91-28289*# c 24 ..... NAS 1.71:LEW-15077-2
NASA-CASE-LEW-15077-2
US-PATENT-APPL-SN-735548

N91-28423*# c 27 ..... NAS 1.71:LEW-14474-1
NASA-CASE-LEW-14474-1
US-PATENT-APPL-SN-720133

N91-28424*# c 27 ..... NAS 1.71:LAR-13645-1
NASA-CASE-LAR-13645-1
US-PATENT-APPL-SN-721038

N91-28425*# c 27 ..... NAS 1.71:LAR-14206-1
NASA-CASE-LAR-14206-1
US-PATENT-APPL-SN-429574

N91-28444*# c 28 ..... NAS 1.71:LAR-13832-1
NASA-CASE-LAR-13832-1
US-PATENT-APPL-SN-682151

N91-28455*# c 31 ..... NAS 1.71:LAR-14483-1
NASA-CASE-LAR-14483-1
US-PATENT-APPL-SN-682153

N91-28490*# c 33 ..... NAS 1.71:LAR-14395-1-CU
NASA-CASE-LAR-14395-1-CU
US-PATENT-APPL-SN-666536

N91-28557*# c 36 ..... NAS 1.71:GSC-13343-1
NASA-CASE-GSC-13343-1
US-PATENT-APPL-SN-702529

N91-28730*# c 53 ..... NAS 1.71:MSC-21625-1
NASA-CASE-MSC-21625-1
US-PATENT-APPL-SN-716182

N91-28785*# c 63 ..... NAS 1.71:GSC-13377-1
NASA-CASE-GSC-13377-1
US-PATENT-APPL-SN-710845

N91-29714*# c 52 ..... NAS 1.71:GSC-13348-2
NASA-CASE-GSC-13348-2
US-PATENT-APPL-SN-725111

N91-30667* c 51 ... INT-PATENT-CLASS-C12M-3/02
NASA-CASE-MSC-21294-1
US-PATENT-APPL-SN-213558
US-PATENT-CLASS-261-83
US-PATENT-CLASS-435-285
US-PATENT-CLASS-435-286
US-PATENT-CLASS-435-312
US-PATENT-CLASS-435-313
US-PATENT-CLASS-435-818
US-PATENT-5,026,650

N91-31113* c 03 .... INT-PATENT-CLASS-B63C-9/01
INT-PATENT-CLASS-B64C-1/22
INT-PATENT-CLASS-B64D-1/08
INT-PATENT-CLASS-B64D-9/00
NASA-CASE-ARC-11909-1
US-PATENT-APPL-SN-418320
US-PATENT-CLASS-244-137.2
US-PATENT-CLASS-441-83
US-PATENT-5,020,742

N91-31120* c 04 . INT-PATENT-CLASS-G06F-15/50
NASA-CASE-LAR-13854-1-CU
US-PATENT-APPL-SN-082766
US-PATENT-APPL-SN-192562
US-PATENT-CLASS-364-427
US-PATENT-CLASS-364-428
US-PATENT-CLASS-73-178T
US-PATENT-5,047,9421-CU

N91-31140* c 05 . INT-PATENT-CLASS-B64C-19/00
NASA-CASE-LAR-14212-1-CU
US-PATENT-APPL-SN-565090
US-PATENT-CLASS-244-120
US-PATENT-CLASS-244-199
US-PATENT-CLASS-244-75R
US-PATENT-CLASS-244-87
US-PATENT-CLASS-244-88
US-PATENT-5,050,819

N91-31236* c 24 .... INT-PATENT-CLASS-B32B-7/08
NASA-CASE-NPO-11907-1-NP
US-PATENT-APPL-SN-410576
US-PATENT-CLASS-112-440
US-PATENT-CLASS-428-285
US-PATENT-5,038,693

N91-31258* c 25 INT-PATENT-CLASS-H01L-21/306
NASA-CASE-ARC-11873-2
US-PATENT-APPL-SN-150169
US-PATENT-APPL-SN-347591
US-PATENT-CLASS-156-345
US-PATENT-CLASS-156-643
US-PATENT-CLASS-156-668
US-PATENT-CLASS-204-192.32
US-PATENT-CLASS-437-229
US-PATENT-5,007,983

N91-31307* c 27 INT-PATENT-CLASS-C08F-283/00
INT-PATENT-CLASS-C08F-283/04
INT-PATENT-CLASS-C08G-16/00
INT-PATENT-CLASS-C08G-73/10
NASA-CASE-LAR-13910-2-CU
US-PATENT-APPL-SN-218792
US-PATENT-APPL-SN-347558
US-PATENT-CLASS-525-422
US-PATENT-CLASS-525-471
US-PATENT-5,021,518

N91-31476* c 31 .. INT-PATENT-CLASS-B23K-20/08
NASA-CASE-LAR-14096-1
US-PATENT-APPL-SN-591644
US-PATENT-CLASS-228-107
US-PATENT-CLASS-228-2.5
US-PATENT-5,050,789

N91-31528* c 33 . INT-PATENT-CLASS-G05B-19/42
NASA-CASE-NPO-17134-1-CU
US-PATENT-APPL-SN-172105
US-PATENT-CLASS-318-568.1
US-PATENT-CLASS-318-568.2
US-PATENT-CLASS-318-573
US-PATENT-CLASS-364-513
US-PATENT-CLASS-901-19
US-PATENT-5,047,700

N91-31529* c 33 ..... NASA-CASE-LEW-14676-1
US-PATENT-APPL-SN-305675
US-PATENT-CLASS-421-209
US-PATENT-CLASS-421-457
US-PATENT-CLASS-505-1
US-PATENT-CLASS-505-701
US-PATENT-CLASS-505-702
US-PATENT-CLASS-505-703
US-PATENT-CLASS-505-704
US-PATENT-5,049,539

N91-31530* c 33 .... INT-PATENT-CLASS-H04K-3/00
NASA-CASE-GSC-12821-2
US-PATENT-APPL-SN-242254
US-PATENT-APPL-SN-921576
US-PATENT-CLASS-455-1
US-PATENT-CLASS-455-102
US-PATENT-CLASS-455-99
US-PATENT-5,014,340

N91-31596* c 34 .... INT-PATENT-CLASS-G01F-1/00
NASA-CASE-LAR-13952-2-SB
US-PATENT-APPL-SN-203178
US-PATENT-APPL-SN-348223
US-PATENT-CLASS-73-432.1
US-PATENT-4,936,146

N91-31608* c 35 . INT-PATENT-CLASS-G01K-17/06
INT-PATENT-CLASS-G01K-17/16
NASA-CASE-LEW-14967-1
US-PATENT-APPL-SN-531433
US-PATENT-CLASS-136-200
US-PATENT-CLASS-250-356.1
US-PATENT-CLASS-374-180
US-PATENT-CLASS-374-208
US-PATENT-CLASS-374-29
US-PATENT-5,048,973

N91-31655* c 37 . INT-PATENT-CLASS-B23D-21/06
INT-PATENT-CLASS-B26B-27/00
INT-PATENT-CLASS-B26D-3/16
NASA-CASE-MSC-21469-1
US-PATENT-APPL-SN-486458
US-PATENT-CLASS-30-388
US-PATENT-CLASS-30-92
US-PATENT-5,038,473

N91-31656* c 37 . INT-PATENT-CLASS-B23Q-3/155
NASA-CASE-GSC-13239-1
US-PATENT-APPL-SN-608657
US-PATENT-CLASS-29-568
US-PATENT-CLASS-294-86.4
US-PATENT-CLASS-901-30
US-PATENT-5,044,063

N91-31755* c 51 ..... NASA-CASE-MSC-21585-1
US-PATENT-APPL-SN-493529
US-PATENT-CLASS-422-101
US-PATENT-CLASS-422-99
US-PATENT-CLASS-435-30
US-PATENT-CLASS-73-863.22
US-PATENT-CLASS-73-863.41
US-PATENT-CLASS-73-863.85
US-PATENT-CLASS-73-863.86

N92-23462* # c 33 ..... NAS 1.71:GSC-13422-1
NASA-CASE-GSC-13422-1
US-PATENT-APPL-SN-772741
N92-23463* # c 44 ..... NAS 1.71:GSC-13450-1
NASA-CASE-GSC-13450-1
US-PATENT-APPL-SN-787993
N92-23464* # c 33 ..... NAS 1.71:NPO-18428-1-CU
NASA-CASE-NPO-18428-1-CU
US-PATENT-APPL-SN-842297
N92-23544* # c 37 ..... NAS 1.71:MSC-21864-1
NASA-CASE-MSC-21864-1
US-PATENT-APPL-SN-799460
N92-23545* # c 35 ..... NAS 1.71:MSC-21951-1
NASA-CASE-MSC-21951-1
US-PATENT-APPL-SN-834451
N92-23546* # c 60 ..... NAS 1.71:NPO-18491-1-CU
NASA-CASE-NPO-18491-1-CU
US-PATENT-APPL-SN-880210
N92-23547* # c 37 ..... NAS 1.71:GSC-13442-1
NASA-CASE-GSC-13442-1
US-PATENT-APPL-SN-843861
N92-23548* # c 37 ..... NAS 1.71:GSC-13141-1
NASA-CASE-GSC-13141-1
US-PATENT-APPL-SN-754875
N92-23549* # c 39 ..... NAS 1.71:GSC-13451-1
NASA-CASE-GSC-13451-1
US-PATENT-APPL-SN-801141
N92-23550* # c 82 ..... NAS 1.71:SSC-00010-2
NASA-CASE-SSC-00010-2
US-PATENT-APPL-SN-842956
N92-23551* # c 74 ..... NAS 1.71:NPO-18702-1-CU
NASA-CASE-NPO-18702-1-CU
US-PATENT-APPL-SN-842300
N92-23553* # c 37 ..... NAS 1.71:NPO-18607-1-CU
NASA-CASE-NPO-18607-1-CU
US-PATENT-APPL-SN-849629
N92-24042* # c 37 ..... NAS 1.71:NPO-18499-1-CU
NASA-CASE-NPO-18499-1-CU
US-PATENT-APPL-SN-862861
N92-24043* # c 37 ..... NAS 1.71:NPO-18498-1-CU
NASA-CASE-NPO-18498-1-CU
US-PATENT-APPL-SN-866779
N92-24044* # c 54 ..... NAS 1.71:MFS-28430-1
NASA-CASE-MFS-28430-1
US-PATENT-APPL-SN-832569
N92-24045* # c 62 ..... NAS 1.71:NPO-18414-1-CU
NASA-CASE-NPO-18414-1-CU
US-PATENT-APPL-SN-880211
N92-24051* # c 37 ..... NAS 1.71:MSC-21648-1
NASA-CASE-MSC-21648-1
US-PATENT-APPL-SN-824806
N92-24052* # c 51 ..... NAS 1.71:MSC-21843-1-NP
NASA-CASE-MSC-21843-1-NP
US-PATENT-APPL-SN-803828
N92-24053* # c 27 ..... NAS 1.71:LEW-15027-2
NASA-CASE-LEW-15027-2
US-PATENT-APPL-SN-824858
N92-24055* # c 37 ..... NAS 1.71:MFS-28634-1
NASA-CASE-MFS-28634-1
US-PATENT-APPL-SN-825895
N92-24056* # c 54 ..... NAS 1.71:MFS-28481-1
NASA-CASE-MFS-28481-1
US-PATENT-APPL-SN-873931
N92-24057* # c 44 ..... NAS 1.71:LEW-15308-1
NASA-CASE-LEW-15308-1
US-PATENT-APPL-SN-862113
N92-24058* # c 37 ..... NAS 1.71:GSC-13358-1
NASA-CASE-GSC-13358-1
US-PATENT-APPL-SN-765069
N92-24243* # c 37 ..... NAS 1.71:GSC-13356-1
NASA-CASE-GSC-13356-1
US-PATENT-APPL-SN-760634
N92-24244* # c 18 ..... NAS 1.71:GSC-13408-1
NASA-CASE-GSC-13408-1
US-PATENT-APPL-SN-781625
N92-24245* # c 63 ..... NAS 1.71:NPO-18497-1-CU
NASA-CASE-NPO-18497-1-CU
US-PATENT-APPL-SN-845283
N92-24246* # c 33 ..... NAS 1.71:NPO-18552-1-CU
NASA-CASE-NPO-18552-1-CU
US-PATENT-APPL-SN-854124
N92-25397* c 27 . INT-PATENT-CLASS-B01D-13/02
INT-PATENT-CLASS-C25D-13/00
NASA-CASE-MFS-26050-1
US-PATENT-APPL-SN-808981
US-PATENT-CLASS-204-299R
US-PATENT-CLASS-204-300EC
US-PATENT-CLASS-428-403
US-PATENT-CLASS-428-405
US-PATENT-CLASS-428-407
US-PATENT-4,690,749
N92-25398* c 76 .... INT-PATENT-CLASS-B01D-9/00
NASA-CASE-MFS-26088-1-CU
US-PATENT-APPL-SN-575736
US-PATENT-CLASS-156-DIG.113
US-PATENT-CLASS-156-DIG.62
US-PATENT-CLASS-422-245
US-PATENT-CLASS-422-247
US-PATENT-5,013,531
N92-25399* # c 25 .... INT-PATENT-CLASS-B44C-1/22
INT-PATENT-CLASS-C09K-13/00
INT-PATENT-CLASS-C23F-1/00
NASA-CASE-MFS-29576-1
US-PATENT-APPL-SN-587890
US-PATENT-CLASS-156-656
US-PATENT-CLASS-156-664
US-PATENT-CLASS-252-79.2
US-PATENT-CLASS-252-79.4
US-PATENT-5,034,093
N92-28571* c 74 .... INT-PATENT-CLASS-H01P-1/18
NASA-CASE-LEW-14878-1
US-PATENT-APPL-SN-587921
US-PATENT-CLASS-333-161
US-PATENT-CLASS-333-995
US-PATENT-CLASS-505-1
US-PATENT-CLASS-505-703
US-PATENT-CLASS-505-848
US-PATENT-CLASS-505-866
US-PATENT-5,116,807
N92-28727* c 37 ... INT-PATENT-CLASS-B64G-1/62
NASA-CASE-MSC-21906-1
US-PATENT-APPL-SN-813558
US-PATENT-CLASS-244-161
US-PATENT-CLASS-294-65.5
US-PATENT-CLASS-294-86.4
US-PATENT-CLASS-901-30
US-PATENT-CLASS-901-46
US-PATENT-5,125,601
N92-28728* c 25 . INT-PATENT-CLASS-G01N-27/26
NASA-CASE-MFS-26049-2-NP
US-PATENT-APPL-SN-376487
US-PATENT-APPL-SN-599601
US-PATENT-CLASS-204-180.1
US-PATENT-CLASS-204-183.3
US-PATENT-CLASS-204-299R
US-PATENT-5,108,568
N92-28729* c 02 .... INT-PATENT-CLASS-B64C-3/14
NASA-CASE-LAR-14281-1
US-PATENT-APPL-SN-560923
US-PATENT-CLASS-244-35R
US-PATENT-CLASS-244-36
US-PATENT-5,112,120
N92-28750* c 18 ... INT-PATENT-CLASS-B64G-1/64
NASA-CASE-MFS-28421-1
US-PATENT-APPL-SN-481537
US-PATENT-CLASS-244-161
US-PATENT-CLASS-358-103
US-PATENT-CLASS-364-459
US-PATENT-5,109,345
N92-28751* c 27 ..... NASA-CASE-LAR-14145-1
US-PATENT-APPL-SN-508316
US-PATENT-APPL-SN-732884
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-126
US-PATENT-CLASS-528-127
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-220
US-PATENT-CLASS-528-224
US-PATENT-5,116,934
N92-28752* c 34 .. INT-PATENT-CLASS-F28D-17/00
NASA-CASE-LAR-14033-1
US-PATENT-APPL-SN-501909
US-PATENT-CLASS-165-104.31
US-PATENT-CLASS-165-104.34
US-PATENT-CLASS-165-109.1
US-PATENT-CLASS-165-110
US-PATENT-CLASS-165-4
US-PATENT-CLASS-165-41
US-PATENT-5,107,920
N92-28753* c 33 . INT-PATENT-CLASS-H01M-10/40
NASA-CASE-NPO-17922-1-CU
US-PATENT-APPL-SN-596139
US-PATENT-CLASS-252-62.2
US-PATENT-CLASS-429-192
US-PATENT-5,110,694
N92-28754* c 37 . INT-PATENT-CLASS-B05C-17/02
NASA-CASE-GSC-13230-1
US-PATENT-APPL-SN-531374
US-PATENT-CLASS-15-230.11
US-PATENT-CLASS-29-110.5
US-PATENT-CLASS-29-123
US-PATENT-CLASS-29-132
US-PATENT-5,068,951
N92-28755* c 52 .... INT-PATENT-CLASS-A61B-3/14
NASA-CASE-MSC-21675-1
US-PATENT-APPL-SN-562095
US-PATENT-CLASS-351-206
US-PATENT-CLASS-351-221
US-PATENT-5,125,730
N92-28756* c 25 .... INT-PATENT-CLASS-C25B-1/04
INT-PATENT-CLASS-C25B-1/12
NASA-CASE-MSC-21572-1-SB
US-PATENT-APPL-SN-648933
US-PATENT-CLASS-204-129
US-PATENT-5,110,436
N92-28757* c 39 . INT-PATENT-CLASS-G01N-27/80
INT-PATENT-CLASS-G01R-33/12
NASA-CASE-LAR-13817-5
US-PATENT-APPL-SN-210486
US-PATENT-APPL-SN-449211
US-PATENT-APPL-SN-686263
US-PATENT-CLASS-324-226
US-PATENT-CLASS-324-235
US-PATENT-CLASS-73-601
US-PATENT-5,121,058
N92-29090* c 27 .. INT-PATENT-CLASS-B32B-15/01
INT-PATENT-CLASS-B32B-15/20
INT-PATENT-CLASS-B32B-5/02
NASA-CASE-LEW-15155-1
US-PATENT-APPL-SN-682160
US-PATENT-CLASS-428-614
US-PATENT-CLASS-428-660
US-PATENT-CLASS-428-661
US-PATENT-5,116,690
N92-29092* c 37 . INT-PATENT-CLASS-A47H-1/144
NASA-CASE-LEW-15196-1
US-PATENT-APPL-SN-687606
US-PATENT-CLASS-16-111R
US-PATENT-CLASS-16-114R
US-PATENT-CLASS-248-222.1
US-PATENT-CLASS-248-251
US-PATENT-CLASS-256-59
US-PATENT-5,126,131
N92-29094* c 26 .... INT-PATENT-CLASS-B23K-1/00
NASA-CASE-GSC-13344-1
US-PATENT-APPL-SN-718046
US-PATENT-CLASS-219-85.15
US-PATENT-CLASS-219-85.19
US-PATENT-5,126,527
N92-29097* c 35 .... INT-PATENT-CLASS-G01L-7/08
INT-PATENT-CLASS-G01L-9/06
NASA-CASE-LAR-14579-1
US-PATENT-APPL-SN-690198
US-PATENT-CLASS-338-4
US-PATENT-CLASS-73-708
US-PATENT-CLASS-73-721
US-PATENT-CLASS-73-727
US-PATENT-CLASS-73-756
US-PATENT-5,116,331
N92-29099* c 37 .. INT-PATENT-CLASS-F16C-32/04
INT-PATENT-CLASS-H02K-1/14
NASA-CASE-GSC-13346-1
US-PATENT-APPL-SN-691609
US-PATENT-CLASS-310-90.5
US-PATENT-CLASS-505-876
US-PATENT-5,117,139
N92-29101* c 39 . INT-PATENT-CLASS-G01R-27/72
INT-PATENT-CLASS-G01R-33/12
NASA-CASE-LAR-13817-4
US-PATENT-APPL-SN-210486
US-PATENT-APPL-SN-449211
US-PATENT-APPL-SN-608504
US-PATENT-CLASS-324-239
US-PATENT-5,117,184
N92-29117* c 74 .... INT-PATENT-CLASS-G02F-1/01
NASA-CASE-LAR-14588-1-CU
US-PATENT-APPL-SN-653605
US-PATENT-CLASS-356-370
US-PATENT-CLASS-356-414
US-PATENT-CLASS-359-246
US-PATENT-CLASS-359-247
US-PATENT-CLASS-359-281
US-PATENT-5,128,797
N92-29120* c 37 .... INT-PATENT-CLASS-F16C-9/00
NASA-CASE-GSC-13251-1
US-PATENT-APPL-SN-714814
US-PATENT-CLASS-285-381
US-PATENT-CLASS-292-DIG.66
US-PATENT-CLASS-403-28
US-PATENT-CLASS-403-404
US-PATENT-CLASS-411-909
US-PATENT-5,108,214
N92-29122* c 74 .... INT-PATENT-CLASS-G01J-1/20
NASA-CASE-NPO-18095-1-CU
US-PATENT-APPL-SN-665509
US-PATENT-CLASS-250-201.9
US-PATENT-CLASS-359.849
US-PATENT-5,113,064
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Inquiries concerning the NASA Patent Licensing Program or the availability of licenses for the commercial use of NASA-owned inventions covered by U.S. patents or pending applications for patent should be forwarded to the NASA Patent Counsel of the NASA installation having cognizance of the specific invention, or the Associate General Counsel for Intellectual Property, code GP, National Aeronautics and Space Administration, Washington, D.C. 20546. Inquiries should refer to the NASA Case Number, the Title of the Invention, and the U.S. Patent Number or the U.S. Application Serial Number assigned to the invention as shown in *NASA PAB.*

The NASA Patent Counsel having cognizance of the invention is determined by the first three letters or prefix of the NASA Case Number assigned to the invention. The addresses of NASA Patent Counsels are listed alongside the NASA Case Number prefix letters in the following table.

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NASA Case Number Prefix Letters	Address of Cognizant NASA Patent Counsel
ARC-xxxxx XAR-xxxxx	Ames Research Center Mail Code: 200-11A Moffett Field, California 94035 Telephone: (415) 694-5104
ERC-xxxxx XER-xxxxx HQN-xxxxx XHQ-xxxxx	NASA Headquarters Mail Code: GP Washington, DC 20546 Telephone: (202) 358-2066
GSC-xxxxx XGS-xxxxx	Goddard Space Flight Center Mail Code: 204 Greenbelt, Maryland 20771 Telephone: (301) 286-7351
KSC-xxxxx XKS-xxxxx	John F. Kennedy Space Center Mail Code: PT-PAT Kennedy Space Center, Florida 32899 Telephone: (305) 867-2544
LAR-xxxxx XLA-xxxxx	Langley Research Center Mail Code: 279 Hampton, Virginia 23365 Telephone: (804) 865-3725
LEW-xxxxx XLE-xxxxx	Lewis Research Center Mail Code: 500-318 21000 Brookpark Road Cleveland, Ohio 44135 Telephone: (216) 433-5753
MSC-xxxxx XMS-xxxxx	Lyndon B. Johnson Space Center Mail Code: AL3 Houston, Texas 77058 Telephone: (713) 483-4871
MFS-xxxxx XMF-xxxxx	George C. Marshall Space Flight Center Mail Code: CC01 Huntsville, Alabama 35812 Telephone: (205) 544-0024
NPO-xxxxx XNP-xxxxx FRC-xxxxx XFR-xxxxx WOO-xxxxx	NASA Resident Legal Office Mail Code: 180-801 4800 Oak Grove Drive Pasadena, California 91103 Telephone: (818) 354-2700

PATENT LICENSING REGULATIONS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

14 CFR Part 1245

Licensing of NASA Inventions

AGENCY: National Aeronautics and Space Administration
ACTION: Interim regulation with comments requested.

SUMMARY: The National Aeronautics and Space Administration (NASA) is revising its patent licensing regulations to conform with Pub. L. 96-517. This interim regulation provides policies and procedures applicable to the licensing of federally owned inventions in the custody of the National Aeronautics and Space Administration, and implements Pub. L. 96-517. The object of this subpart is to use the patent system to promote the utilization of inventions arising from NASA supported research and development.

EFFECTIVE DATE: July 1, 1981. Comments must be received in writing by December 2, 1981. Unless a notice is published in the **Federal Register** after the comment period indicating changes to be made, this interim regulation shall become a final regulation.

ADDRESS: Mr. John G. Mannix, Director of Patent Licensing, GP-4, NASA, Washington, D.C. 20546

FOR FURTHER INFORMATION CONTACT:
Mr. John G. Mannix, (202) 755-3954.

SUPPLEMENTARY INFORMATION:

PART 1245—PATENTS AND OTHER INTELLECTUAL PROPERTY RIGHTS

Subpart 2 of Part 1245 is revised to read as follows:

* * * * *

Subpart 2—Licensing of NASA Inventions

Sec.

Restrictions and Conditions

Types of Licenses

Procedures

Authority: 35 U.S.C. Section 207 and 208.94 Stat 3023 and 3024.

* * * * *

Subpart 2—Licensing of NASA Inventions

§ 1245.200 Scope of subpart.

This subpart prescribes the terms, conditions and procedures upon which a NASA invention may be licensed. It does not affect licenses which (a) were in effect prior to July 1, 1981; (b) may exist at the time of the Government's acquisition of title to the invention, including those resulting from the allocation of rights to inventions made under Government research and development contracts; (c) are the result of an authorized exchange of rights in the settlement of patent disputes; or (d) are otherwise authorized by law or treaty.

§ 1245.201 Policy and objective.

It is the policy and objective of this subpart to use the patent system to promote the utilization of inventions arising from NASA supported research and development.

§ 1245.202 Definitions

(a) "Federally owned invention" means an invention, plant, or design which is covered by a patent, or patent application in the United States, or a patent, patent application, plant variety protection, or other form of protection, in a foreign country, title to which has been assigned to or otherwise vested in the United States Government.

(b) "Federal agency" means an executive department, military department, Government corporation, or independent establishment, except the Tennessee Valley Authority, which has custody of a Federally owned invention.

(c) "NASA Invention" means a Federally owned invention with respect to which NASA maintains custody and administration, in whole or in part, of the right, title or interest in such invention on behalf of the United States Government.

(d) "Small business firm" means a small business concern as defined at section 2 of Pub. L. 85-536 (15 U.S.C. 632) and implementing regulations of the Administrator of the Small Business Administration. For the purpose of these regulations, the size standard for small business concerns involved in Government procurement, contained in 13 CFR 121.3-8, and in subcontracting, contained in 13 CFR 121.3-12, will be used.

(e) "Practical application" means to manufacture in the case of a composition or product, to practice in the case of a process or method, or to operate in the case of a machine or system; and, in each case, under such condition, as to establish that the invention is being utilized and that its benefits are to the extent permitted by law or Government regulations available to the public on reasonable terms.

(f) "United States" means the United States of America, its territories and possessions, the District of Columbia, and the Commonwealth of Puerto Rico.

§ 1245.203 Authority to grant licenses.

NASA inventions shall be made available for licensing as deemed appropriate in the public interest. NASA may grant nonexclusive, partially exclusive, or exclusive licenses thereto under this subpart on inventions in its custody.

Restrictions and Conditions

§ 1245.204 All licenses granted under this subpart.

(a) *Restrictions.* (1) A license may be granted only if the applicant has supplied NASA with a satisfactory plan for development or marketing of the invention, or both, and with information about the applicant's capability to fulfill the plan.

(2) A license granting rights to use or sell under a NASA invention in the United States shall normally be granted only to a licensee who agrees that any products embodying the invention or produced through the use of the invention will be manufactured substantially in the United States.

(b) *Conditions.* Licenses shall contain such terms and conditions as NASA determines are appropriate for the protection of the interests of the Federal Government and the public and are not in conflict with law or this subpart. The following terms and conditions apply to any license:

(1) The duration of the license shall be for a period specified in the license agreement, unless sooner terminated in accordance with this subpart.

(2) The license may be granted for all or less than all fields of use of the invention or in specified geographical areas, or both.

(3) The license may extend to subsidiaries of the licensee or other parties if provided for in the license but shall be nonassignable without approval of NASA, except to the successor of that part of the licensee's business to which the invention pertains.

(4) The license may provide the licensee the right to grant sublicenses under the license, subject to the approval of NASA. Each sublicense shall make reference to the license, including the rights retained by the Government, and a copy of such sublicense shall be furnished to NASA.

(5) The license shall require the licensee to carry out the plan for development or marketing of the invention, or both, to bring the invention to practical application within a period specified in the license, and to continue to make the benefits of the invention reasonably accessible to the public.

(6) The license shall require the licensee to report periodically on the utilization or efforts at obtaining utilization that are being made by the licensee, with particular reference to the plan submitted.

(7) All licenses shall normally require royalties or other consideration.

(8) Where an agreement is obtained pursuant to § 1245.204(a)(2) that any products embodying the invention or produced through use of the invention will be manufactured substantially in the United States, the license shall recite such agreement.

(9) The license shall provide for the right of NASA to terminate the license, in whole or in part, if:

(i) NASA determines that the licensee is not executing the plan submitted with its request for a license and the licensee cannot otherwise demonstrate to the satisfaction of NASA that it has taken or can be expected to take within a reasonable time effective steps to achieve practical application of the invention;

(ii) NASA determines that such action is necessary to meet requirements for public use specified by Federal regulations issued after the date of the license and such requirements are not reasonably satisfied by the licensee;

(iii) The licensee has willfully made a false statement of or willfully omitted a material fact in the license application or in any report required by the license agreement; or

(iv) The licensee commits a substantial breach of a covenant or agreement contained in the license.

(10) The license may be modified or terminated, consistent with this subpart, upon mutual agreement of NASA and the licensee.

(11) Nothing relating to the grant of a license, nor the grant itself, shall be construed to confer upon any person any immunity from or defenses under the antitrust laws or from a charge of patent misuse, and the acquisition and use of rights pursuant to this subpart shall not be immunized from the operation of state or Federal law by reason of the source of the grant.

Types of Licenses

§ 1245.205 Nonexclusive licenses.

(a) *Availability of licenses.* Nonexclusive licenses may be granted under NASA inventions without publication of availability or notice of a prospective license.

(b) *Conditions.* In addition to the provisions of § 1245.204, the nonexclusive license may also provide that, after termination of a period specified in the license agreement, NASA may restrict the license to the fields of use or geographic areas, or both, in which the licensee has brought the invention to practical application and continues to make the benefits of the invention reasonably accessible to the public. However, such restriction shall be made only in order to grant an exclusive or partially exclusive license in accordance with this subpart.

§ 1245.206 Exclusive and partially exclusive licenses.

(a) Domestic licenses.

(1) *Availability of licenses.* Exclusive or partially exclusive licenses may be granted on NASA inventions: (i) 3 months after notice of the invention's availability has been announced in the **Federal Register;** or (ii) without such notice where NASA determines that expeditious granting of such a license will best serve the interests of the Federal Government and the public; and (iii) in either situation, specified in (a)(1)(i) or (ii) of this section only if:

(A) Notice of a prospective license, identifying the invention and the prospective licensee, has been published in the **Federal Register,** providing opportunity for filing written objections within a 60-day period;

(B) After expiration of the period in § 1245.206(a)(1)(iii)(A) and consideration of nay written objections received during the period, NASA has determined that:

(*1*) The interests of the Federal Government and the public will best be served by the proposed license, in view of the applicant's intentions, plans, and ability to bring the invention to practical application or otherwise promote the invention's utilizaiton by the public;

(*2*) The desired practical application has not been achieved, or is not likely expeditiously to be achieved, under any nonexclusive license which has been granted, or which may be granted, on the invention;

(*3*) Exclusive or partially exclusive licensing is a reasonable and necessary incentive to call forth the investment of risk capital and expenditures to bring the invention to practical application or otherwise promote the invention's utilization by the public; and

(*4*) The proposed terms and scope of exclusivity are not greater than reasonably necessary to provide the incentive for bringing the invention to practical application or otherwise promote the invention's utilization by the public;

(C) NASA has not determined that the grant of such license will tend substantially to lessen competition or result in undue concentration in any section of the country in any line of commerce to which the technology to be licensed relates, or to create or maintain other situations inconsistent with the antitrust laws; and

(D) NASA has given first preference to any small business firms submitting plans that are determined by the agency to be within the capabilities of the firms and as equally likely, if executed, to bring the invention to practical application as any plans submitted by applicants that are not small business firms.

(2) *Conditions.* In addition to the provisions of § 1245.204, the following terms and conditions apply to domestic exclusive and partially exclusive licenses:

(i) The license shall be subject to the irrevocable, royalty-free right of the Government of the United States to practice and have practiced the invention on behalf of the United States and on behalf of any foreign government or international organization pursuant to any existing or future treaty or agreement with the United States.

(ii) The license shall reserve to NASA the right to require the licensee to grant sublicenses to responsible applicants, on reasonable terms, when necessary to fulfill health or safety needs.

(iii) The license shall be subject to any licenses in force at the time of the grant of the exclusive or partially exclusive license.

(iv) The license may grant the licensee the right of enforcement of the licensed patent pursuant to the provisions of Chapter 29 of Title 35, United States Code, or other statutes, as determined appropriate in the public interest.

(b) Foreign licenses.

(1) *Availability of licenses.* Exclusive or partially exclusive licenses may be granted on a NASA invention covered by a foreign patent, patent application, or other form of protection, provided that:

(i) Notice of a prospective license, identifying the invention and prospective licensee, has been published in the **Federal Register,** providing opportunity for filing written objections within a 60-day period and following consideration of such objections;

(ii) NASA has considered whether the interests of the Federal Government or United States industry in foreign commerce will be enhanced; and

(iii) NASA has not determined that the grant of such license will tend substantially to lessen competition or result in undue concentration in any section of the United States in any line of commerce to which the technology to be licensed relates, or to create or maintain other situations inconsistent with antitrust laws.

(2) *Conditions.* In addition to the provisions of § 1245.204, the following terms and conditions apply to foreign exclusive and partially exclusive licenses:

(i) The license shall be subject to the irrevocable, royalty-free right of the Government of the United States to practice and have practiced the invention on behalf of the United States and on behalf of any foreign government or international organization pursuant to any existing or future treaty or agreement with the United States.

(ii) The license shall be subject to any licenses in force at the time of the grant of the exclusive or partially exclusive license.

(iii) The license may grant the licensee the right to take any suitable and necessary actions to protect the licensed property, on behalf of the Federal Government.

(c) *Record of determinations.* NASA shall maintain a record of determinations to grant exclusive or partially exclusive licenses.

Procedures

§ 1245.207 Application for a license.

An application for a license should be addressed to the Patent Counsel at the NASA installation having responsibility for the invention and shall normally include:

(a) Identification of the invention for which the license is desired, including the patent application serial number or patent number, title, and date, if known;

(b) Identification of the type of license for which the application is submitted;

(c) Name and address of the person, company, or organization applying for the license and the citizenship or place of incorporation of the applicant;

(d) Name, address, and telephone number of representative of applicant to whom correspondence should be sent;

(e) Nature and type of applicant's business, identifying products or services which the applicant has successfully commercialized, and approximate number of applicant's employees;

(f) Source of information concerning the availability of a license on the invention;

(g) A statement indicating whether applicant is a small business firm as defined in § 1245.202(c);

(h) A detailed description of applicant's plan for development or marketing of the invention, or both, which should include:

(1) A statement of the time, nature and amount of anticipated investment of capital and other resources which applicant believes will be required to bring the invention to practical application;

(2) A statement as to applicant's capability and intention to fulfill the plan, including information regarding manufacturing, marketing, financial, and technical resources;

(3) A statement of the fields of use for which applicant intends to practice the invention; and

(4) A statement of the geographic areas in which applicant intends to manufacture any products embodying the invention and geographic areas where applicant intends to use or sell the invention, or both;

(i) Identification of licenses previously granted to applicant under Federally owned inventions;

(j) A statement containing applicant's best knowledge of the extent to which the invention is being practiced by private industry or Government, or both, or is otherwise available commercially; and

(k) Any other information which applicant believes will support a determination to grant the license to applicant.

§ 1245.208 Processing applications.

(a) Applications for licenses will be initially reviewed by the Patent Counsel of the NASA installation having responsibility for the invention. The Patent Counsel shall make a preliminary recommendation to the Director of Licensing, NASA Headquarters, whether to: (1) grant the license as requested, (2) grant the license with modification after negotiation with the licensee, or (3) deny the license. The Director of Licensing shall review the preliminary recommendation of the Patent Counsel and make a final recommendation to the NASA Assistant General Counsel for Patent Matters. Such review and final recommendation may include, and be based on, any additional information obtained from applicant and other sources that the Patent Counsel and the Director of Licensing deem relevant to the license requested. The determination to grant or deny the license shall be made by the Assistant General Counsel for Patent Matters based on the final recommendation of the Director of Licensing.

(b) When notice of a prospective exclusive or partially exclusive license is published in the **Federal Register** in accordance with § 1245.206(a)(1)(iii)(A) or § 1245.206(b)(1)(i), any written objections received in response thereto will be considered by the Director of Licensing in making the final recommendation to the Assistant General Counsel for Patent Matters.

(c) If the requested license, including any negotiated modifications, is denied by the Assistant General Counsel for Patent Matters, the applicant may request reconsideration by filing a written request for reconsideration within 30 days after receiving notice of denial. This 30-day period may be extended for good cause.

(d) In addition to, or in lieu of requesting reconsideration, the applicant may also appeal the denial of the license in accordance with § 1245.211.

§ 1245.209 Notice to Attorney General.

A copy of the notice provided for in §§ 1245.206(a)(1)(iii)(A), and 1245.206(b)(1)(i) will be sent to the Attorney General.

§ 1245.210 Modification and termination of licenses.

Before modifying or terminating a license, other than by mutual agreement, NASA shall furnish the licensee and any sublicensee of record a written notice of intention to modify or terminate the license, and the licensee and any sublicensee shall be allowed 30 days after such notice to remedy any breach of the license or show cause why the license should not be modified or terminated.

§ 1245.211 Appeals.

(a) The following parties may appeal to the NASA Administrator or designee any decision or determination concerning the grant, denial, interpretation, modification, or termination of a license:

(1) A person whose application for a license has been denied;

(2) A licensee whose license has been modified or terminated, in whole or in part; or

(3) A person who timely filed a written objection in response to the notice required by §§ 1245.206(a)(1)(iii)(A) or 1245.206(b)(1)(i) and who can demonstrate to the satisfaction of NASA that such person may be damaged by the Agency action.

(b) Written notice of appeal must be filed within 30 days (or such other time as may be authorized for good cause shown) after receiving notice of the adverse decision or determination; including, an adverse decision following the request for reconsideration under § 1245.208(c). The notice of appeal, along with all supporting documentation should be addressed to the Administrator, National Aeronautics and Space Administration, Washington, DC 20546. Should the appeal raise a genuine dispute over material facts, fact-finding will be conducted by the NASA Inventions and Contributions Board. The person filing the appeal shall be afforded an opportunity to be heard and to offer evidence in support of the appeal. The Chairperson of the Inventions and Contributions Board shall prepare written findings of fact and transmit them to the Administrator or designee. The decision on the appeal shall be made by the NASA Administrator or designee. There is no further right of administrative appeal from the decision of the Administrator or designee.

§ 1245.212 Protection and administration of inventions.

NASA may take any suitable and necessary steps to protect and administer rights to NASA inventions, either directly or through contract.

§ 1245.213 Transfer of custody.

NASA having custody of certain Federally owned inventions may transfer custody and administration in whole or in part, to another Federal agency, of the right, title, or interest in any such invention.

§ 1245.214 Confidentiality of information.

Title 35, United States Code, section 209, provides that any plan submitted pursuant to § 1245.207(h) and any report required by § 1245.204(b)(6) may be treated by NASA as commercial and financial information obtained from a person and privileged and confidential and not subject to disclosure under section 552 of Title 5 of the United States Code.

James M. Beggs,

Administrator.

October 15, 1981.

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Section 2: Indexes

16. Abstract

A subject index is provided for over 5300 patents and patent applications for the period May 1969 through December 1992. Additional indexes list personal authors, corporate authors, contract numbers, NASA case numbers, U.S. patent class numbers, U.S. patent numbers, and NASA accession numbers.

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